



# مدخل إلى علم النفس الحديث

تأليف

ترجمة

### ±®ìÔß•

Ñ^g\\#f,\R
Ò Z'e a' ¾ ÎŊ R "• yf ¾ d e †
Ó e ' Œ † Y
°ÇÚ? ¹s¬·?
Õ Ζ ' e ai ʃ T͡ʃ R " μ Q S u e
Ö e ' Œ † Y
Ë¿@P·?¹s¬·?
Ϊ Ñ ' U ' g ' <b>' Y</b> ' <b>ff RR</b> "αν <b>Ff</b> gj <b>ν</b> RY
Q · @ P · ? ¹s¬ · ?
Ñ Ó 'U 'g 'i <b>Y</b> 'ff RR "ov Rf g v Y j M
¥G?g·? ¹s¬·?
Ô Ï Z ' e a ∱ ₨ " u
I» @ ? ¹s¬·?
Ö Ñ Z'e a f Rf • 'j i}}f R.R " u
m b @ k⋅? ¹s¬⋅?
Î Î Ö W ' " € <b>'\$ € †</b> G <b>f\$</b> R, <b>f</b> R
¥ G @ k·? ¹s¬·?
$\hat{I} \oplus \hat{Q}$
Á»@P·?¹s¬·?
ÎÒ.Ñ
¥j@L·? ¹s¬·?
Î Ó .Ö
$\hat{I} \hat{O} . \hat{O} . \dots$ TSY',   f\Set.\text{g} R\ $\hat{f} . R$ , XuSa , q'r\Utg\et.\text{h}' , \X\ \VI[

% U » » MZ U ^ • kt 'xg` ".[;•ŢŠg.i.` T + wV U [ Ţ, h::•∓V [ U i,,^.Li pT [ , ‡ ... . U WV ; Ďơ სh WŒUSŠT• K•VV:.~Œ [ i‡, к•• •Œ [ ஜЫ,Ų V[ LU;,,,, "

QiUg,,": T," "i QE Šj,".,.i (q.x TV... OĐ"%,"; WJ ` €.".rTisr Tg, ž.; ` L . V [U, ¼i.g Tu.•.r•• ^ .Y.~TTis...

å í ® **ő &**!è ë

% • S % • P I i % • i K g kU• ^Ї.†. To ~ r • [ % . UT ÆLSŠY î† s ≵ 'Ü Ž "op x TV% Š ^ } • I » † "⊉ U.»Tî №•""p"» Ž ⊌ x "Y^[`c‡W ‡:xT.v%J• i ~%["" Ž p S Uipnfw ... T › Oʻ» Š x 'V U » [T,, h.•'Ŧ • ... •‡' .W W.ХТМ.\$T⊌. ˆiŢ'•]TÜ î g , Ѯ\Ѵ S T ∀ [ U.,,T... T • ‡ » †kv» I L‰'Lg U , [ w.• W " i `‡| †.x\_F. UTŠ Ž\M\\%\i,g\ | .k • TЇ. † \%c T • Š W 〈U»`‡›TT•''n t Š"~•• • ž U•g X •i îpWJ ½ " l ¥ Š i g Y "¿Lî wk " ... ⟨ g ci•s [ ... T T g 如cŽ "g`xUW "', +1‰\LWU.‡ 迄 ‰ • gT" th vM n Š `•[•T: ‡ + x ...' Thp.x ... T  $f \gg +\%W$ i T %o» Š%op  $^{4}$  $^{3}$  $^{2}$  $^{3}$  $^{3}$  $^{4}$  $^{5}$  $^{6}$  $^{7}$  $^{1}$  $^{4}$  $^{5}$  $^{6}$  $^{7}$  $^{7}$  $^{8}$  $^{1}$  $^{$ f • † 1'†....• Y—^ T ŠZ U.ITT i% b. • .ŠOEMA C Š ≠ U VWMŠ~T • % c, xo.e. r ∓ " Š U I Š ™ T - g », [ ∜NŠ+ĐW " i \ [c.W\Y.ŠT= U' X Š\WM 'Šp™nŢ. ". UT a • W LY " • pOQE; W/ " ^ " ¿ Ⅷ o " f i N Y .".wTU Y[" i>nT>W • S>To +].c W W œ;•TJ•r ₮ U'dM ‡V • ២ 0 • g U » § ¸Š-@ ½ " I • ¸Š ".U 兩 Ž % ੍ਧ U ŠU ŤOÞAW ^ • W \$ ^ { Lb. • LLž % " " S [Tc • i ... T Th » g • • (U"" •).. I • U"" \ g , i [ k • Š# + w + s î h • Š f • b y Ž h s š h f L . ‡ † ≴ ...Yhn".i.•• k I.—T‰ "YW.[••⊌ V:Û [ " ... T

<sup>.</sup> Y " r i ^Z.>  ${\ T\!U}$  co.".f  ${\ T\!h}$  [g p ,  ${\ d}$  \cdots • ... Y  ${\ T\!h}$  + c ce Z U."  ${\ T\!h}$  + f w  ${\ E\!h}$  + sa " ce s  ${\ p}^1$ )  ${\ T\!h}$ 

$$\begin{split} Z T g \bullet I \trianglerighteq i \char`` \bullet \char`` \bot \bullet \char`` \bullet \r`` \bullet \char`` \bullet \r`` \bullet \r``$$

Þóî .**ç∕.**•*f* O. L.Z.

### Õ å Ö... Ì x ...

QÉc,,? I¬À.? ½,£ ½Ò@£b

#### QÉc,,? I¬À·? ½,£ ½Ò@£b

<sup>a</sup> ôìä—

X i • U¿t"Œ "‡ •ӎ'[g Ui~" {;œ^Uyŵ U ŠớrŁi [ Y "` • ....Y•"" •WY†"~i t VŠitalism Y " • "(ð) ... T . Y " " " Š ĮJŲ " ѝЖĩ. ЇҴ [ ŠJ"Ί ឿ¿ "‰ M †VS ゼ ,Y..". ТҞ ▮ ЇҴ Š Ž.IҬѯѵѴ•́ " • " с

<sup>(</sup>C. S. Sherrington: The Endeavour of Jean Fernal. P.p. 70 — 1.)
ï • -æ ð(áníimistic) " ô ‹⊄ŽФ Ӻ ® Óæ ễ " Ž á ŽßæÆë¾Äð fo o ª ¤ Ĝ �� 協♣Ë- • ⑥î Ôæ ß í
. " ô à �ŽÌÜÞ ǎ°ä ß ®òÞÁß—Ěè â ŽÔ ∱ÂBÀ•Ё ~æ) ⑥ □ Ё

v " ^ ‰ •Li " U ^ ǯ X U ¿ Ե "พาไ"L `T...ig pa • i .g ኧ\"h ..V ₮ h ^•.•anTimistic : " S Մખ(के)
. a T • i Œ Š Լ, ሠ["‱ ြ X " Ⅷ~•Ы. `. T

#### T g S ^ \( \f)R

<sup>. ‡ • †‰.‡ †</sup>rw–Y ^ U½".I.UTZ-U T • †½xŵ •.î "T•̂ •Back ground ¿ p —" ᠯ(¹)

<sup>(2)</sup> Bertrand Russel: History of Western Philpsy (1946). P. 547.

Y » ` U\*c† wž•" » W 'OE`\*[ x CEV\*\*\*\*\* \$\w\*p " % \office \text{\$\t

<sup>&</sup>quot;••žiŠ ži ⊢W‰•• Št. UU K Volg U W [ži Wž"».•L "Š U I ‡ Š...U Tk. byl.,ŽT x "•[•. [Y T ce·vh(•]) T OE(mode City) Y ... YU" b-OE, T% og, @ "U I c ™ ~ TE i ~ Š oj. II g c Y™ j ceOE. WTKŠg ~ WSWT •, [
. Y " † pOE-WTKŠg ~ W. WSY T• ge w

IU" j ť ● †l ¼∭T^ † ★[.cg] F ÞÖ Ô"Î-Ælemente der Psychophysi‡ • I • ^ i .Š ThV~U [ n, 戌) . ‡ " c .k.UT • c t²/, t² ~ Y" ^ Z.U ITT i th wY. T.(Psythophysic)s Y" I • Š ... T

History of \_ Š i.•′W) V U L,,i • M •s ["•W" i `k[•.ЇT†‡wS U%www c .U L,Štþ\$ 'M\(\hat{V}\)
Experimental Psychology 1929.

<sup>.(</sup>Ï×ÒÕÖÕÃ,Ñi"Uk.k XiTZgcŒï×ÏÑgiWf~k,•Ї.†₮ĵ.x¿•U "Š LRsn(Ś)W W

"ŠUI» fŠ †MYT.t & ce" rW, ".l.UTI— g V‰ P. i-fTJI" n'— U ŽiŠ, "Łi" h ... T •

T hU Š ^ •."¿Qī g • X i n ZUŠVOE."¿ + • ..‰ U' VghŠL gī VĶ î. ž. ks TW r Y. W ▼ Z c [ ... T

' † ₩ ~ T ♥ ." i ḡ ‰: L.Tik QŪ Šq x. VW • h." '•i t Š .k. • TŠ ‡. † "W Y " I" \$\inc kig. U % W ^ ... T

Y » , " i '\$ » . î † x Ž.Šī; " c Ŧk i T gOEg/V j [U î î" f • • U î žš " Q• Š ". i T [ \_ . • Ū Š î

€ S U » X, i c " † U‡I T • 'g .w. T [ I Y " i t Š U. c TV‰ U Šb. î. r ¿ " •i ," f OELŠ î Ž, Y " î † x ... T

u U s [ I » » . - % T‰ • 'Ţ c i Ž t '‡ OELŠ î • g • U r v • T. ŪTŽ " T† s v Š " Ţ ... Y T • î † î ... T

\ » c W f . † '¬ ( NOU I c ‰ T 'g ~ Y p U) f W " • † X x U ." Y T † U 'Ž T. • TŠ. î." T ¿ U f g O

‡ † "W " W " i ` \_ [ Ž.ŠŢ U .f 7 ⊕ ⊕ c ‰ T " n ' † w c Š • U w U Š Š T U ½ " ÖV " i ` [ ... T

. Y " ^ • ‰ T ... • Y ` T gʻ .~ ' T , ~ ‡ g • ∱ U ( Š QŠ ¿ , T ... T

v^`-" Y "ip (senstor) Y "IU" (50" "` • ... • Ⅷ (10" kö. × TÖÖ Ñ Ïj [ ... • މ † ☀ • ‰ Ü),, . k • Ї.† Ⅷ ★ " Ⅷ st.‰ Tċ "‰ "XWU 100£ [ "..† Ṭ x W

<sup>.</sup> U ;Š ŪŲ,~•îlťY ^ j œY^, "‰• ¼Щ:^YOW c Ų́)p ^ ... T

#### ' • f • 'j } }f^F.R (, D)

$$\begin{split} &Y \tilde{Z}_{1} \tilde{\mathbb{S}} \cdot \tilde{S}_{1}^{+} \tilde{\mathbb{W}}_{+} \cdot i \, \tilde{\mathbb{I}} \, \tilde{\mathbb{W}}_{1}^{-} \tilde{\mathbb{S}}_{1}^{+} \, \mathbb{W} \, p \, \, \text{xu.} \cdot \tilde{\mathbb{I}}_{1}^{+} \, \tilde{\mathbb{W}}_{1}^{+} \, \tilde{\mathbb{W}}_{1}^{+} \cdot \tilde{\mathbb{W}}_{1}^{-} \, \tilde{\mathbb{W}}_{1}^{+} \, \tilde{\mathbb{W}}_{1}^{+}$$

Z c [Y w • r • • LY7" r i ^ Z → TU ∞.".fTn [' ... "O i "' h ..• • TClinical 'g U "kx • Š ‡. †(ħ)
. " " Š ™ † U W " `L " • o c • ... T

<sup>&#</sup>x27;iŠ <‡ Ž Š‰"ĝVk%%‰ "ž'‰""ip∀ x l.ce‰ !‰VT • N U%Š ],[‡‡"T ġ"TLi¿~U òY.x."TyVUs(ŠyV• . ‰ • l`iW

<sup>.</sup> I U r  $\!\!\!$   $\!\!\!$   $\!\!\!$   $\!\!\!$   $\!\!\!$  Th" c .% $\!\!\!$   $\!\!\!$  .% $\!\!\!$  TS:  $\!\!\!$  blganis $\!\!$  m '  $\!\!\!$   $\!\!\!$  r x ..% $\!\!\!$  TS( $\!\!\!$   $\!\!\!$   $\!\!\!$   $\!\!\!$   $\!\!\!$  , ... T

g»•\"gck.•Š\t.+•\\Š~"•...•"\lo•WU\\Ž\MXi"}i,fL€STYs]• f..vh•^Tj^¿.Ux "ŠU Ti"] M [pgg]Z.T]TY 4i70; U]; ".WT w, h Š . 〈gi》 → `UWh [',,LT‰ T i'+] •, X U '+\* o . + OWIg U\_Wi^g. (†. v#T • Ї.+ 77 i. n T‰ P ~ X i » O∉ • p OÆVVt.Š Ø.VVY ^ t [ŠUŽ.ŠTVŠfT[Y,Š.ŠŠ†, N ĝ ċ ₩ [gxx\; ¿., x ... U ~ Xi» Z~cWg L•Y"SYU, W, Y""•.Y. "@@.ULW•rx..lU, [il¶n, І... % S U‰ ", i> î.V[V] » î€." ∓ • Y î. [ ŽUVV.". • T. Y • " COBMES • TЇ. † 756 wid Š VZ I W i • € c kW Ї.†}\www wg •. •U ^;\eW\d U "\ h=\FY ... \XW,\ž^\ i U fOE.[ \edd\d\d\wx x ... T Y...Mg|»»xt̂[»...Y+S"UVŽ.[.UU+VM%wY"cZ.UTŠ\$UU fx +t;Ts.UTn+YŠI.T.ODE;Š } » "" "%₩₩ » Ü[ĴŽŽŠ' W p&^. IJ [X[i.ĴŲTx % T f) «†' L.X. iTW.fY." T • ... • "" L ... T %gL»`"ŠWp» jxU.ŽTki.gTЉ"%。c.ŠY•"wU^Ygj;UTOE.[.€T~"₩/rx..%JSU"...T ZU"•[I¥».l.Tfixg~U» ŠUk~fLi,g"U;•k°•Ї.†"₩kIg[Ü""•...≱†lw...T ¿» "fW.‰h w ^ ` Uf Š +. IZITT" k |i [g [‡ ]' W p ; U .Žī‰. Y T• + [ Tf ĵ ` ; L p M [ I [ ¿`I»‡»Ÿ» "SŲ YSV ŪŽĖ ĢMUTË eX.g•gi "cTiOE WŠŠŲLĮŽ.ŠT~.•YT"UŠ w % •\_gŽ ŠT hæ TW‰ [J ,,"^¬7%\nW ,,...f. •%b vt ` Š [ ..Y T ,, i e LY. Tl cZ.T T" | [ ... T g" j ^ ......YO Ukc•\\ŠI.U T+q\(\OE [Z"I+" +\Z+U " io• \x on• ^ a.f \) ....•\Uh\\\L€ U c ... O in » WX fg "Yg" ŠSU ∮Ž t M/U c Z .• ₮ "..~ ‰ h UN ?" S > ‰ . ƒ. Մ Š ∀ •U Š ‰ √ ™ T "» WiŽ{U.~Tg⊅».l īTY.»T," bsW p ቕ þ» "e •» ^ Z.UT» "YŠ l"T " gi " f ... U W Z Tžn‰ŠUTI物证 ▼ ● ‴ ee .̂ TW. i Žs, U. nTŠ"...I%。 Ü Š Š ["(冱nTephalograph)y •r» w•» •e ^.‰•Li [ " [ ..Y T" ` X.i., ▼‰•LT•; W, [ liˆr.U ♂...\*▼ p UMf ^ " •

\$ U n \*OŠ^. 划页," xs.U 而答词, Šīks \LW x‰. ŽīU 凹斑 \W-WJU ""~~过对玩。, x ... T %。 »'î p » x .... 下 ... • " lk>•·Š‡... 而从以以 Y Š i LJ • ^.... 以下 %g%、L• T • "..f. T. • T V • h »V U c » pgL » ¿.. î [ Z[Š 世[".... Y 顶 " f i ‡.ceTc ž—YU \*W &'" g; LU ^‡wSwU ... k U Љ. ‡ VŽ Š 以 x 可知 g ‡ \*%" " M" ". { 世 ' ` Yg l. T. 而 ... T

g » • ♥ " g ck.• Ї.†•₩ Š~" " • ... • "\lo•WUJŽŢMX i " • j,f L€ S TY ŝ ] • f..vĥ•^Tj^¿.Ux \* ŠU ¶i \* ]| M [ pg.g ]Z.T JTY ↓ TOij J ];̂ ".W¶ w் " h Š . < q i » + 1UM [',LT% T i'] , X U , To . + ONTq U Wi q (] + . V/T • Š + . + TV i. n T/% P ~ Xi» OF • p@EVVt.Š@.WYît[ŠUŽ.ŠTVŠfT[Y,Š.Š\*ţî, MĝċW [qxx\;;, x ... U~ Xi» Z~cWg L•Y"SYU; W, Y""• ... Y""WEE...ULW• rx...U, [i 1 ] r Š † ... € c kW Ї.† \www wg • • U ^; \edword U "; \edword U "; \edword T Y ... \extra W, \zeta^ i U foe. [ \edic de/w x ... T Y ... Mg|»» xtpl \* ... Y + S \* UV Z .[. UU+ dod+ w Y \* c Z .U T \$ \$ UU f x + t .T s .U T r Y S I .T .OUE S } » "" "%₩U » Ü[^ŽŽŠ'LM• pạx^. U [X[i.^U]Tx % T fg •< †' l .X. iTM•.f Y.." T • ... • "" l ... T % oL» `"ŠWp» jxU.ŽTki.gŠT‰"% c.ŠY•" w U î Y(`") gTOLE Î €S.~T\∀\r x ..%JS U " ... T ZU"•[I¥».l.Tfixg√U» ĎUk~ffi,g"U;•k\*•χ.†"₩k lg["""•....≱†lw....T - qi» ^ ..• LTY W U\p^`š"\[.gŠc "U ^\_, Y " W pY \* ".t ZT.†.cTlŠhTLO"•†Ux".†YbУ .W T5 x ... T ⟨h »i•| » • \$50 L • UŠ Ø l • Y " " • ...g • W ▼ ▼ ₹.,~. UT T t T Ši • • Yg"[† }, \$3 U. f • • ...g f [ [ T i "iOE[[ • iŠc \ "g ck.• Št.†%WiL, h % % % • UTŠ WU Š• WW V ff,,c 'i ~ g w T • , ... T . Y " " • ..‡ • "†\W\ ,."." • T-T g "Ts j• , į; [ cOTĿŠY • I †\‰ [J. Ҭs U •

#### 'j}^fTRqff\(\tilde{N}\)R

<sup>&#</sup>x27;† w。 g [lë •̂ ..Υψ WHEs U ŠVW [vi T • १ • x Z.UT, % • 4 i " ‡ † Rhrenology Y l T i ≱ ‡(1)√T . y U ˆg, "n/√T Y " p f n ... T

.(1) Y » "W •YI • <del>Ž</del>ŠTp.x TY. W pY .W TF.".WTsk.•.ŠTp.† ITww T; i•WZ ^ Šg • • + • » OE." TU ŠAMV S UgrU.,.[TW•] TW + tg tc ft. ft. e. Lg Tc ft. eL" i U' [~X iT; • +g ch O Y » ] фe"].....UipO[//g,c ...fO.v`hi " • Y x " W/ si†W.tU W.I.kOi"U ^UŠ OU‡, rwi ^ - ÏÓÏ)ỚU » ‰ T (Ė ľ Ó Ò-Î Ï Ò ) Bù " "k • " " • gt • ž .Y r Ži Šp .w. l TU ^ ‰ ŵ v » ` i [[ . f. T hXšqJSXUi ļ, #..~‡TŽ [ ]Tœ ji U( xi Ó Ò Ö Ò x) Nk • † " T(i l̈UÓ Ó Ö % "W UTY> » ` ..... ₺ .x%Q' wX \ ชูฟฟ• ` U € h' fžL‰ " s kJ " h...YOT + g xT.i. ` \ T i U » W [ fŽ ŠT ‰ ̂ 'Wg‰ Ů ‰,,⊙ • • ž Y ˆ † i,,p†x ....'. ŠT x (?.syb.hi\d\ris): " " " Š " † " O "»ri^.k ¶Š »‡.». ¶Yx ».".g 以 ""以 n.»厂• .». ďŸ~U \_\_ft Šv/ĥ‰ OŒ,ŠO p f n ... T ZUWTis;» \*rUTYŠ"[ig Ws^•...ŠT%, "Už)\\$žžo....ip \%x"^if J. \\D\\*od \} N. •T Y`... UT λη Ž. ÎUU W [1% T% U μ • r Y L c i Y.. tU (Waltiona) Y " † X x • [ p W V † , x ... Τ k • Š »‡.». †[gvv» " .".~U , dj U.. \* L‡#N• UTST • i g%Lj žLOE "t ~ luk" ŠŠFg[.YWJ;>Ši." Š [ l ^ ... T } » " • f [‡ • " ......¿OT j "U ^, f T hi Š p" l • ŠV.s Tg • T \* w T%g ₽ 1‰ î \* W s ... T ¿» ^ Žj [» k • Ї.†'Tvc T %ŠY"`œ X ".pT mY.".ŠTUh T‰iL" { g T i ‰ चार Т • T . Y ^ UYxc.p T; pU [W " ^ ® vg U% Wwc WI.U \$5]ŠLU " c L

<sup>(1)</sup> C f .G. Zilboorg and G. W. Henry: Adistory of Medical Psychology (1941) especially ch. 7.

<sup>(2)</sup> Zilboorg and Henery: op. cit., p. 228.

"» ~ » I • ‰ » ¿ • Ł. (Suggestibility) I U c "Y™ | T W "Us • U Ї| " • Š Ţ , ₺ ₮ Z ^ [ ž Œ »", †ff• " n♡ " W •• Į Ö Ï-Θ Õ Ŋ O l î. ‡•• " I " s U ЇĮ"• ŠţŢŢ.g ff[ I T "» ~Z œ ^Φ/k[WY•x " ¼∀ \$"w+.%Б [ •] "TŠ%b "\_VV ^j ^ ' + w‡ " • Š i["; †] ∮. Š ðy•• % MM, S UL, i ... % TT€ Z hUW ŠU wYi'l Š TY• " b".s. UT % V V L ... XTi , % √ br»[/T..vĥ•Xi"/Z,,T•Ďl^&tƯ•...•Ž" x̂ ¾ ₩•\$...vOi" l"s U Ї|"•.Š Ţ... T Y"I»Z=1Ši"lŒ[‡.g%[1/2., "i"s U Ї|"•.1ŠE[T].gg Te7] L; ,,% VLIU ŠZ^•.•."T~T ‡ " t ∜ S U þ V f " W s € Ï Ö × Ñ Ö Ð Ó • " i UOEn, 'è K Š.ĽŠT r ^ g.ŽT i .]L 7 5 ‰ U " • € » " | • » " s U \$ | ° • . \$ | ∏Ln T; . \W , \K i • pb\ [ 7 \wideter \text{\$\$\text{\$\tin\etitt{\$\text{\$\exititt{\$\text{\$\tex{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$ Y"i"[IḋŽi.wT‰7‱7‰"%WL™,,iU%n,,î,[U•"i[I"Žl.î..UWWpxq.i.îT..YU†Wp...T • » ... • U » ^UUŽ [ M's • 1 % U ""^ √%πž•" I " s U \$ "[Ў [L.UTՇ "Y™ i MV" ` [ I [ %» » % " " • Io>U.f nT — TU Ž % κ ,\/ΥΥ", " Υ • Ž WYU' in" [ b,ŽT.i.wT-QE TW • nΠ • % L % » Tw g by c~TU iv" iVV W/ [x [ d ... f '...•([⊌""•..)•∀•U'∱w‡ŦW|ţVŽiŠ,,̂k•Ї.†W|ţVWi"[ZŽU.WTTisr›T - ÏÖÓp &E» "iŠ» Ü" ₩V» • •Ž ‹ • " i Nb "nî &66 [‰ " j U Ng îcî XL i. UT \MY \WYN \WYN \Wb hi r • [ Lg Wi•xn cé ‡., Ts.U Thišg LWT•. "^\underside" "Š\underside" Lg Wi•xn cé ‡., Ts.U Thišg LWT•. "^\underside" "Š\underside" Lg Wi•xn cé ‡., Ts.U Thišg LWT•. "^\underside" "Š\underside" "Š\underside" Lg Wi•xn cé ‡., Ts.U Thišg LWT•. "^\underside" "Š\underside" "Š\underside" Lg Wi•xn cé ‡. IT j `XLi " Y,," i " [U • r T-i € t. ¿.,,TE-...g• x‰ U<sup>(3)</sup> elissociation( f " ,,)• [¿.p ▼... T Xi» "\W\i, d\V\X\ \fZ\ch^6E" \S\TU\\id|\il\" \{ "pfn.i.\\T n\\.i.\\T \\ \\ \Z\ \t p\\\\\,\\\\\\ \\ \\ \\ \] T; h »Y' »†' ["ŠE'[†U, b]?'iIfd\_g\W... U] p  $\not\models$   $\ddot{x}$   $\ddot{N}$   $\ddot{x}$   $\ddot{O}$   $\hat{Q}$  "•  $\dot{y}$ - $\dot{S}$  •  $\hat{C}$   $\dot{C}$   $\dot{$ 

<sup>.</sup>constitution: Y " ŠMcturTE: % "  $\bullet$ (,1), ... T

<sup>(3)</sup> P. Janet: The Major Symptoms of Hayista (1907).

YsU»Y•"W"[IℤŽU.ċT~\œWV.•pt¿•→gTމŤi"TWi,\$OÆ`•Ž≁•"iUn... ¿fg ½ • Ž ŠT Դ% • Ѿ+f['....ѾU VX ๒๒៤ [ W ఈ U vOŒŠţ w"I"s U Šţļ"•.ŠŢ... Т \_ ŽŠ•»ĝ ˈɡ » • (\*) " l • Š¿." 耳 ţ[l .U‰MV qf ....hT/s) î x [Z † t" [ ..Y J" i sOE.ŠTU-" ^ UŽ[..X og " oQ`g.U%W‡".togrgiw Žt"..- lQ;U[p ~ ~• i Š IU ^, " I • Š¿." #c[... T Y^UUx Š.[T"•p • —; TTis‰ UT W€o+ fgŠgT"•i;~`v‰ QU%"‱ "^‰.%TP~ OE » Š T P L\ " Lc YZVk • Št. tgy TP g Tc i "j } "U ` [ c OE Wi " lh Ng/l [ ^g Te. • Y " + ¾ x U ." d T + ... "»ri^.k ¶Š»‡.». ¶‰w»<^U Škg.k Шg... TThU ŠŠ LOEjx^" †M, WE. ~ T+ Tw % ""• Ik>•Ї ŦYWI T i ty WU Ž p œ f [-i p̄ [•"∏ .QTg U%λΝ-L•(.UT"• ...•)] U W • "" I ... ‡ » † W » î † w r Tg • • ‡ Ž ... ' • j x ... ' • j x ... ' Tœ w † • Ž ' ~ U • T \* g Z • [ Vg ([Normal) '» † W/» ^ Ø ⊌ » , "OÆV.si[^ ...k ႃ Ї.†%WyL...€h € , c [JŠŠ by € ½ † c‡.•.¶. ब • €i∪»‰Ψ.೫7ž"Vh WqħΨβqi^...Υep‰ "ŢWb′Us f....ΤΥ∪"~• IY.." †ŢҲӿ∪.".♂... Τ U » €ŠcU ^ Wui • Š' .~ > TY ` i g" .~ €Ti Uh~T • kn •†Š‡ .† 756 " " gk ⊌ Šk‡‡ † 1766 " W ZU» "it.ŠYOW %i.".ixt78Š/čj ⊈ † χ .` i 75 √L^• "W" i \[c.W75...\$T, [nY ~. i 75 ^ ... T % √L"s[I%,"k•Ї.† ¼ ∜√ V/ s U.ďTŽ"IF% → √//////// % ¼ ¼√√/†ž~X g V/ ċ ŁJ.p. T . U Ž † • | "

#### 'uS†Yi}<sup>™</sup>y.R "Kul (̇́†)

Y " i œ " l' U' [-g " • i ¼-• i i•t Š \$\mathbb{P}\sycho - analysis" l • Š¿." ₹ \alpha [•†—♠.TŠ\u]\* \text{\$\text{\$\text{ZUS}}\$" \$\text{

ži"~i•".f...TKÜrWW/iît Š•••g W[[.YT... Uhx‰:'L†TwY"I•GŠg.UTgWIniUlWT UŽ•'Šį pi."TM [Y.."•TZ.U TV% J ‡ "{.i.·.† Tw U x % [W] "^T i i ] " Ls VZ W s [ X g Y 'Y 'Y 'Y 'S U W W 'X [] LZS [ U X '1 '' f '' I Z .T. • IS U . 'X I] Lgh•W" <! " ... • WU• [ I • g̀ • ŽZ j U c X i n UY \tVc^oe v̂ U ^ [ f • Ţ IY.t o ce€^" i s‰ w ‡» †%wil" { YŠj&r^igU...މ UUV<sub>I</sub>V" i `OĘ.I.U766LL‡ wž XiŽ% 6. Ū. AFgSg"pnT. h TP .;œ,[l»^U» "Wul"îŒ[wrpŒEv,\" €sn %% YLW "Yr,Š.î]"T—OEtb.".["Lw U ^ [k • Št ... T % " ‰ .".'Tw UY`[în%Tw • .SITU..̂%Twĝ "g;`"i • Ž t' ...IOn ¿ "¿ Wf •.∨hi " • ¿U»%، ₺\_^‡Žr»%ۥۥۥ᠃IUY\_"I下Šg.UT€/"^^.фш^/// ¬ӣţŽ...'•şvŠ[ "[..Y,Ţ"isa.U. īF" ZD,, g Ś→ W ¿] - if • T‡ Ž r x¿W U & g " • Tī • i V∭ M/I,[ î ~ • Š " ... U ^ % L^ [ c %..% TeLg ytv.". €h ~ X g i •Y ".p Trí ‡.w Ž x Yv v v su ty su ty s [ S Ů V x v s [ Y » " SZTUg wWUY: ITT. f. g i " ~ •¿. • p c ^ f.... WhŽ x : " [ ..Y † ^ b/ th c .œ <u>r</u> •.UTŠ ^ "~¿•—+T₩ Y"wUY[lTiZgU.^Ţ+qk^W€~}•""[:.+7W Ž[iiŽgte]}•Ⅰ : Y » " w U Z [U » Tw UY î T. ii.gTW c ‰ iT,‰. "TŠ U} ]b. Š T".~ Tk • Š I. U T t W | n Š T . g i • '.‡ W ˆ [ ` v.•.•NW Ž [ œ žwUUŽ•[[\*U"Ž/VŠs"⇔ " [

#### ŽgdXJS<\$ØYR

 $\begin{array}{l} \text{`...}_{!} \textcircled{O} \stackrel{\leftarrow}{-} \uparrow \text{TwX} \text{ i WXU} \text{ With n "[cž; ce ``Ug,ck.• Ї.†$$$\) $$ \times ^{\chi} \t$ 

<sup>(1)</sup> G. Le Bon: The Crowd (1895)

<sup>⟨</sup>UŠ~`hi [X Tn U x .MQT U‰.; § ...i. fl\$) TT g td l5 i ns [ ... î 19 g x J j `g ... ay\$`ide(²), ... T
∴ `i [-..Y TW'i.x .Q T

- ¿fg»QEĽŠOu•r•^‰ToUfui⊸‰iUķ•.ЇT†%WvL^•, 'Evolution IU, [i›T• .‡UOEv`k∀VЇ.†ZWU"•[vĉXi"‰s T"⊷^

#### Wnš(dÔ)fR

- \_ " i g »'[».‡  $\sqrt[n]{v}$  " n [h" f L" g ck.• Š ‡.† $\sqrt[n]{v}$  'L..¿Op T.h $\sqrt[n]{v}$  h " ( Ï i U  $\sqrt[n]{v}$  i [' ~..OBM [Š ` i [.• U " " ).. X•  $\sqrt[n]{v}$  'W" 'O ` \[c.Wat.• IT "W " i `\_[ Ž.Š $\sqrt[n]{v}$  U.f  $\sqrt[n]{v}$  " p f [ ...† $\sqrt[n]{v}$   $\sqrt[n]{v}$  \*  $\sqrt[n]{$

- " » ~Y " I » ZŠU.I.TTi ĝ[† î.•.î Š'.......#DU ["f~i.UT+-ŠUT Š Ž+`]• ( 负 ¿ U ‰ w i f "", " W k [ Š 共开 ‰ 业 ^ Y w U Š Yp".W 振 [ ".g U " ^ ' » .;ce② ~r ~ Ш ^ WŠ Ž ŝ ".cT".~\Tc W ‰ 'LT.UOŠ ž W · Š r i w . Y " i •Y " ^ ¥ ŵ Z T \* \* g " Q g は 以 " •

## ê ß † 'Öx'.lx..

ÉgTLŀ-?À-?- 1/2?ga Lj?

#### ÎÊk,,? N@Ê,14 x.?

e'ŒÎ†Y

k • Š »‡.». ¶. W •" ^ •U" Š.[J •W f g "g • c • [k • Š ‡. † Tw-V "i ` [‱ ā fi | ... T % » W » Š i% A J de j'» ^ " s [ I » \* Ž ¥ " S J U\$ U. % T % √L" s [ I "" W " i ` [ ... T } » " "U » Š i% ANOE" x " su j." " (feeling) % T g • (sens ation) k U l c Z "U" • [ c ^ % " X"i W}f•.i.t T.Y I T i gh. • • • • [ x [ T • Yvi t t w ≥ < hY• " + XxU. "ZōU. î • ¶¶îŠ [ U » / † †.Uhš r.[.".•k • Ї.†////// ;^f Tuɡ x v̈, } ž Z U " • 1/6 ĝ.g 'T/-U Ž W'", ... T "[...+Tr...^Tr +%LY\_x" W.Us^.+%.\rightarrow + \rightarrow \rightarrow Y".\rightarrow \rightarrow \rightarrow Y".\rightarrow \rightarrow \r Υ», ", 'dn.»..•1%» • †U.Š UUWWW/Φ[. U Ŧg 'b•• Œ Šg' •κg///ξ Û `¿ˆf TUḫŽ ..νŢ[• s L ‡ g » %[vL" s [ ½"'.... "' xreceptor ; U W | U r vZ LU Ž WhŠ "] ]."T, U Š •... L ZU» "sUUŽ%Š66" sĝ6 6...UOŠ ["UV•i [[ .!....XII ]" | pifLX•stŪŠW % YL » W i b [». r. = U"#A'd ##" s " i U f '% .UT\#Ur^,Y.." , T\W + Y... "Tkgc...\VTU p w L YWcpv>s\MA\B`[%%-&Yi" ŠYUt]c.i..^T‰...•T†+.•r..†TV.."`[f"[[.U▼g"c••s"iUf^....T UŽ, "'i-s" • • Y " I c¿.STU M "x ‰ Ļ • U'dh". Ž "T" • ... • ) • ♥ ŠJ.p. w̄" <del>- S</del> w̄ þ f I " n »~..OB [ I U } » OB ( Of UUW r !» T T n .f. i g ^ ! .. [ fl]" " ,; ; | U | b[ • • • I " » n‰ Τ i Τ i ξ̂ εΞΤζ Ų ς' † w, t "• Lž q " Wyd\_W t"'I Τ i î Xċ I U Z Θ [q " W — Τ %" »'x ...kQTx Š î ^.c + •TŠ ‰ ⊌ ": ∮ c T h ⊕ g p." • U r " ₩ U Z O [v , ĭ ^ c L % » Y » x s q W [ž, i • UkWn..l.TJT" " ~ Z x r • % O F q • il` c ... tcT• . % TY + [ ,, % U ك) \_^, \tVo •%..\tT, x Š ſ•.r..T%T%\_ ‡ { i ...† Tvž ¿ t "..~Z Š كه,,Φ⊌ r "€W• ... T Y » "  $\dot{q} = 0$  »  $\dot{w} = 0$  " [ ... IT• T •  $\dot{t}$  (...  $\dot{q}$  ] 1 •  $\dot{U}$  .  $\dot{Y}$  •  $\dot{t}$  •  $\dot{w}$  .  $\dot{k}$  T,  $\dot{x}$   $\dot{S}$   $\dot{f}$  ...  $\dot{y}$   $\dot{b}$   $\dot{b}$  ...  $\dot{b}$   $\dot{b}$   $\dot{b}$  ...  $\dot{b}$   $\dot{b}$   $\dot{b}$  ...  $\dot{b}$   $\dot{b}$   $\dot{b}$  ...  $\dot{b}$   $\dot{b}$  . f ..%h\d \Sn ,, "%"LW " i k[•. \ST....\NU \w \% \% \V r • U"\SZ[\f ..v \h \Y s " I W

#### 'jaf{R,Y}{ **B**jR∏ge

<sup>(1)</sup> Adrian: The Basis of Sensation (1928).

<sup>(</sup>²) Ädrian: op. cit. pp. 72-81 and 91-102.

<sup>(3)</sup> Ädrian, op, cit, p. 114.



(úÞÿ·

ò´¤(Ô•ôÜ~ß•

"TiUl‰ 'Ul»gŠ» TŠXNīrg mY.•.†T[Yf"S ZrUr Î ⊌ Ž] 'g[c [k, Ull c ™ vT Up Š UŠ '‰gnabe), ŠU ;"ŠI'U' "‰.UTWpx V]V. ⊻.pTx .".~TY" W pZ xU. x §T g ř.[..TNOŠ i U, î... U W .The Basis of Sensation Ï × Đ ÛE WY IJ[...

<sup>(1)</sup> Adrian, op, cit p. 117.

#### 'd†,GRS ai,,SfjRa•<del>(</del>-DjR

% » "ž )" » " "Ų.Ž ŠTW Ž Y " ˆ ⊌ 'Š .[.'TWX fg cYT" • c% J €Š W U d W.bT.r. • TL
' » ..." ſO` Š% ‰ • UT Š ."(† ∀W"•s " ok îc... LTU r w ' Ŀ Y [ cYW" " • ... Z• T i ~ ĮĮ ŽVs W i
l U os .U. f% Š" ∀W"•l cX .i. ∀V of T. • T% "Ž W Î b Ž/Į", SZJ Uh• óÆ vÿ ~ M f[ ŠV r • î

Y"IUIY:W.}[Toor["f:T‰ w"...g.Ški.`^OEWU[î"tŠ∄ViU`<[h.%%TwU ^`UU;ŘZUS"19W(Ô) :Y".ZUUŲ"..".Я.OETW€Š'WYs~Ti}goe[fUW

British Journal of Psychology vol, 27 (1936) p. 86Y • is ↓ ¶ · .... / TrV(ʃ) w .±. ð £ 'îÛË Ž ½ ਉ & • Ž Ô ÌS • • î eÝÌ Ž Ø Ď £ iú ¹ ê ´Ô ॄ ¼ äíßà Ž '- ; æ â(ら)• .û ¹ - ª ¼ æ ⑥ • ě · ©

<sup>.(</sup>cemtra) 'j "i î .k "Tw" `i U f'. L(Feriphera) I "s " c (4).. T

<sup>.</sup> X i " | pY. x \$ ", •. X Th T( 1 h) ` ... T

<sup>%</sup> kîUf.v.W7 ¶% i ".† ↑ P ♠ ⟨.U ↑Š &y´ î ♠SL L. U Sc U † t. № 47. `Tg c^.U Ţ Šs. T&y T n L + ₩ % L. U f 'U (\$) • . V U [Ţ, h.•T

o • ...l 叨 ‰:L..i ʻOn 丫 " W " iY 『 ".." ŠZ 丗 " T™級 ĉe. "‰ 卑 ‰ î •g •Œ • p h ... T . " Š g ۥWU.ì."T--X 丁" 丫.".ITU 比でT• g Tti T g ` ... T

k » ^ †Y...T⊌ld• U Š'∮ ſĹ} ₹... M • •.[.:\\ w • i f)..Z\ U % û ĝ g % tD] ZU» el[i.[.] ₮‡ U.ŽŠg, ¾% ੴ‰ Ѷ U p wl U T+gwY.~•iex^.‰TYŠ Ï ヌ T ĵ`L "» ~ZUWU‰ po \PV \WV pr \* ~..... OT ~g\/`"i, ‰ ~Tj". ~>TO) ‰ ""W ki † Š[I...U. TT+ w  $\rightarrow f \dots h \gg W \S \Upsilon G WU. NCT..... Unit • U \S • pf.• TY.Ž W XU gn ``Yg, ri`T g WUÊ`LW i$  $q \times W \sim q : [Ur \cdot ...ITnj , i^g "g'c_{Xi} W \ \cdot \ xpU \ W r \cdot p \ ... T$  $T \ i \ ".] g \ " \ * \ " \ M \ g \ x < \ M' \ g \ \% \ [ \ \hat{\ } \ \ + \ U \ \cap \ " \ M \ E \ B \ \ ^z_{\!\!\!A} \ V \ " \ i \ " \ n \ g \ x \ V \ " \ u \ C \ \dots \ T \$ fi» c'[UÆS%3%26 n | %%Wr"i^...%T.`Xji W W Icf..TT"g-42Z U W Ti%sar● "DT[^ i] M [l´j`....T-TOE [i•,pfgU] ^gYŠtwrc \*X ^g Ld TjgOE [[w%,J±Ž•.g.W/]"W/W/J| W lj»`"~U;[YU,[i\%/f.TTg|OxXigg.".iT.g,T-U"Ti".]i,p•W.;..., 67‰ Y W U p ™ U W T g g;»» with Y l, i ¢ i c [T g b TAES "•ni" OELŠ2 f W.g kŠ.wi •p W OE T1% c î Ywil\*UW/Šq̂U»^xL'%, "Uch^Їhpoe;"Te•]UY^,["i's†wY†]UU^[%abU W•Ux[^ T | • »"r, .. ž ; " + fc f { c c Š • > TT • b.". [• LOELŠ ^ ..%] TU ^ WTi • g > r • f Š ^ Y"ip(Wolgnition) Y~ixY".; Txx , VM (meTchanism)s"ZU".Z UT Š; , † w.J.; TŠ"^] . '•I..aT•".~ T

#### • R g & <del>S</del>(B)[

UŽ[i•) ope [» f‰ • "Y"" S l U.". n‰ ‰ I• i " • ‰ •.g ▼ U on • ĝ ". xg T W L Š ^
€ WU ^ "Y " " W † n w U. Ž I". † . W l • Up, î.} . Je ∏ f ‰ T g T i "¿] • Y L , " , ‰ . M F i Ž t ^ •
‰ U ‰ "Q \* W bg V l " • . ¿. t T U ^ k, ^ n . i • Tš ~ v r • ‰ Q • I ‡ c • ¿. t " I U Š% . n L ' » . I 'On » CE ∏ " 'xh'' . q " T W + • i T . i ∏ g Ų ^ U • ﴿g y ov" U Z Š Ū . jī P t . ". ~ T
Y » † [Z J T î Û W D P i • . ‰ ∏ i " V] p Š ¿ L T • α + • • · · g V W V L ` • ž . ‰ " x . . . T

<sup>(1)</sup> C. F. A. Paterson and O. L. ZengwillDisorders of Visal space Perception associated with Lesions of the Rightr@al Hemisphere' BraiVol, 67 (1944) P. 331: M. B. Bender and H. L. Teuber: "Sipal Organization of Visual Perception Following Injury to the Brain, Archiveof Neurology and Psychiatry, Vol 58 (1947), P., 721, and vol 59 (1948) p.39.

(ûþÿ.

: ÞÜ • (Ž • " ›³ • - ª ß® —
.¹î ¤ Ô äæ\$s • Ё ¿ î:ã
.ñ - Ž ô Ì ⑤ (Ø • ä' & Ž È ä • Sî• äð (S£ • ì f
(Br. J. Psych. Vol. 21, 1931 ò Ớ ß î ở É 2æ) Ё

 $gi \bullet ... \downarrow U \cap Z \cup TW \not W \wedge \flat \bullet I \} p \, \check{S} \, I \bullet k \dots U \bullet TLV i \, U \, \check{q}[x \, W) p \, \check{S} \% \, L$  %  $\check{Y} \, \check{S} \, \check{Y} \, X \sim \check{U} \, + \, \check{W} \, g \, r \, \check{E} \, \bullet \, U \, w \bullet r \, \check{I} \, \mathring{I} \, g \, U \, I \, \mathring{p} \, \& \, \mathring{I} \, u \, \check{U} \, \bullet \, \& \, \check{T} \, i \, " \, o \, \bullet \, c \, \bullet \, \smallfrown \dots \, T$   $\check{I} \, \bullet \, U \, w \, t \, \xi \, ... \, T \, \& \, \check{U} \, r \, \& \, \check{U} \, r \, \& \, \check{U} \, C \, \mathring{V} \, ... \, E \, \mathring{S} \, \check{U} \, \& \, \mathring{V} \, \mathring{I} \, \mathring{S} \, \mathring{U} \, \mathring{V} \, \mathring{U} \, \mathring{$ 

(üþÜ·

: ÞÜ •(Ž•)

. ûÞÜò Ởèô "ä ß € ß •î ã Ś • ŽôÌ ⑨ Ø Ў OE ở Š Ě• ì f

- .òØôØÜŞÁ;PØæa®s•
- .òÜ';âß® \$ ô Ø ôe \$ \$ ® ß •
- (2 ßîæ)Ë"®ëŽòHÖÄÜÜ;®ëä~´ÂäïßG••

<sup>: &</sup>quot;... كَالْ [•.ŠŒE,ŠWV كَا ﴿ كَا لَا لَا لِي الْ الْكُلْوِ اللَّهِ ﴿ كُلُّ اللَّهُ لَا لَا لَكُلُوا اللَّهُ ﴿ كُلُّ اللَّهُ لَا لَا لَكُوا اللَّهُ اللَّهُ لَا لَا لَكُوا اللَّهُ اللَّا اللَّهُ اللَّا اللَّهُ اللَّهُ اللَّهُ الللَّا اللَّهُ اللَّهُ اللَّا الللَّهُ اللَّا اللّل

 $V i U \gg (h \cdot g T c' G - Y \sim U i I'') . [(MT' | [f \cdot i g ^ \ \ i \ T \ i' \ T \ i'') ] , X \ \ \ I \ U i \ C' \ ]$ ‡ » c VX g • g/q W U U † w i U " ovi , ...i • U t ‡ . T ".• U r ‰ ob • c • ^ ¿.STI v » î‡ ` c "..~ ZT U 1/36] T... [77^ " IY ` i g S U% [5UV. [TULŠ • 0 ^ 1 1/6 " " " • 1/26 [U^Š] > T U »-;•i[" | [i.T ] % • QE ŠZ"UWV.].¿O T%.:O [ • Uk,... ] Ž WY ,~" | "l ~i.".| T ... T .<sup>(1)</sup>" I " n † ".|.[ î i .".{ T, " , c‡ .`.d7‰ "[[] Werip hera] " s " c ^OE.W1/\*Š| [ †‡ .`.d7‰ "TW OE.Ď U t f...U h.• U ^ bU x.\*\* [¿.,, n ..‡ To•"..~Z U Vby bj.c.[T Z TU " † ^ x ... T • '» + 🖈 » " & S. U » ‰ » Ý » • "Z U W']] . M. [ ; ""' Li p W ‡.` T Y... T U¿c^ [ c " žU W€x">> @tl.c..Tf TigU™Ž7‰-} it "~UÆoStňn.UЉi ŁTŠh ₽⊌Ul^...T ž T ♯ ⊌ ` ♂—U 類Vs]c‰'L† wY ^ " II`U s OŒ ^ `"c~R s f " U Šž"; ෙ ." セ‰[,‡" ‰ O (œ]k̂... ¥]W i"~[iU"xôi,..]), WU, "ng-edīc• Vg/i•aţU.ÎOŒ du"VV⊵ ŽI" '» † τψ " c‱.•Τ¿,"Τ • α +--•̞Τ] " • .~s , -X g dJT; ϵςઁαἑŵ x [[YI,^"] [Y•WW;Šαξε ift Š ... U W U p »'• • UŠt Œ T`TcgUW Wz o +, .Y. ∓ UUIŠ • % LLETŠh Œ • i " My † sY` ~. UTI ^ ... T ", W n ≱».` σ‱.•πg g fci"g ^‡.` σ̄‰'[Γ.i Ὁ n T h.•σe VØΕ ^`}φ Š " ... T •.c Ο ‰ΨŠŠ,‰".••p.‰πU Wa, ∮"ŠXi, TŲ, ť, Ūα, ŠULŠŲ,ŠžU WV, "TŲ[di, "g, c, [ ¿"n»Z.U¶W, ¶g Yg/U WY, i", [sk. • ŠT† w g • U n‰ DE [ ~ % ⊌ i \* W, W 6E î Tc U » Šž"YL,i" »/r» W;• ぬめ% L"g [lô.i., †TU.Š i't.Š • k—.TY]W h' [." ⊌% c Š "»~¿W 、 ∰ 。] [•;L.\VT )U ,i [g'^\_.†. "\\ f\_... † \vg j "^U ^s-, 「 ... ~ T Ž U• ~ † " † • T  $Y \sim U'1.1.XOT''$   $f^2'^2Z.UT''$  g''MJ  $g^2W.WJ HUOŠ YŽ''~, W + nvi.i. • Tt Š ^s,... T .v.^T, n ... T$ o•,,ŠX;ŦϢtx‡.ž",,W;n,,.n.vT.̂fГig^;.,,.nT€.WT២⊌[ŠX,Џ"gv⋓ð.•..`•T s"» c"^» ~ZU » W.];O. TU. ŠTr.• [YW] `p[Љ‰ •UTŠU.`U ^ Wi¶ž t :....TO

Y•p·LY", W†nvX.gT•`•Y•.pnTn.žTY", "Y, ep.¿.ŢTq žXi•UY(•.pTg.g x‡.•.i€;T] ^QE"~•
% •,U"^ ŠX"gcc'••.U∏[••, ŠXi•UftU Šb.••; [\"ci•p ..'.•TU | {; ^U xY^^."‰T•, [QE W Š ^ ... T
. U ZUU[W] ... T

<sup>(</sup>¹) Thouless, op, cit, p. 563. ‰ WJ ^žQ • T •ĝ c.-UTŠ [ WgUn` i[ î; ∂ x V ... U ∤ q. î U { • • Š WE W •Š ĉues Z U " g² U Ž ... T . U c r T • " " "" ^ [‡ ‰ Ø • ^ x Y., " П • . Lf T i g ™ Пъ

'g U ^ ‰.ILITǯ, Y x "本内も说.".UT&l^c U ^ YJś [ WX ĝ U \*X.UT• UZt l". ‡ ∓ ‰ "‰ OY •w U z ŠJ .WiJU+" x'^g.U.T.%T ôe " は [•\*\* \*X Lg % w p,"• c • ^ ś.i. UT ['fh' ... T v ^ OE WZŠU • pYŦ" , " ZcU.• p‰ .'UTV, \*Y T \* [%š ".WUT[ • ;tdeî [ [‰^lk O.ž.U ;t • c † ^ ... '\] Y , " , f: †•[♂Š• U b • " Š

<sup>.</sup> Đ Ô Î Ïo (Ï×Ñ) ÖʻW "i k[•.ЇT.† Wi•g•k. i V U [ˈˌˌi] " M U Žmh P• WW/ŠV[i ≀ [h(.•). T

#### 'QSpg}\$f\$RP-R

f T i  $\mbox{M}$  rinciples of Psychology vol, 2, ch,)xXE W  $\mbox{Lk}[\hat{\ },"$  \hat{" : .g•,'\mu .;  $\mbox{T}$  • %( $\mbox{T}$  \D \mathbb{N} \delta \mathb

Principles of Gestalt Pshology (1935) p. p, 211-24.U " (2) "

¿g»Y["ip» W∜LZ››gY "oL•c•^•.gT‰ "‡".T.h OY "ic\.g.dT[•.sœ WL..T . "`iUf‡...T'U-Xi.• ₪ l U.".nT....YOW liŠŠ.Y.LsTWŠ•^'† w

%iL" I » x‰. 75 ₱ ¥ " w • r¥ " ". WNTUh]. • . #Twg ^ [ kU' r • ". ~ vT• • ^‰. UT "h P ~ i • » ŠY. . » Ts ¿ Š c‰ "LI W YŠ"" i t Š h . • †Tw U . Š YW [~ Y ", i. c X Tī • TU oj c [ T h ‡ Ď • . Š Z I » " OE. №•Š f — YT" c ₺‰ŠU. Š TŠ ht P ~ † • LX i " ₺ î ` c Z. Š TU Ţ • U ; [TW] Ų i] ^ . Z W US U. rī•U.s ‡™TTg x ₺OTī [X i • U Y ". i ♂ ₺₩₩ ~ Ug ₺₺ Y ~ † ს Ў U Š •



(ýþÿ.

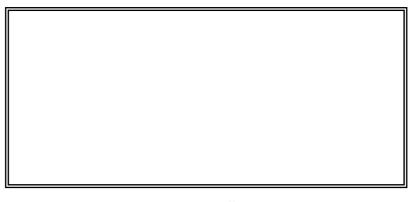
" ô ´ Ô' Ä 1624 è 180 • — . ï î À 164• Ž 626 \* ô‡ Ž 124 126 ìú ½ . Ö ô Ó a Ž à 13 ŽŽ—x û• ® 126 -. ï î À 16A• Ø ûç å ìú å . ® 14 '—153•'" OÄ—27 15

% Ti%go" %MM// 'S Tbi† l.Šso Mž C/E U. Înté n .‰TZWU • cieUx sg/OT • gŠUU, Š • . i • ŠY.sTvŠ • îi • • ∴‡Tvg g c' ['ċž X i ` c ... T

<sup>(1)</sup> K, Duncker: Induced Movement iSourcebook of Gestalt Psychology (1935), edited by W.D. Ellis, p, 161.

% Y s ,sŠ l "U ŽoŠ ,; x `'"[ c U ^ Ž€Š~" ﴿VT ) " Y ^ + Y ^~ i"{~% " " i % d " I • Š U ~ '†wVi`^.t.~TU.ĊÖ•; ""niU['I...YOs, Šš"x AD[ŽŠŽ} ¾" "\Y\ XVJU ¾ wi•Š Th PY» †~WXUJ, i ] ...., TIMU [ li.W Ths WY WŠfU ¢ [ΨΤ Šω" "W/S•, ςŠc įQ T ^ Z U W ] Y » "NYi».riv‰ Už»‰ "» [‰,;šŠN/•.YTs; 'Š wip VZ/ W%]₀'ðL• c• ^ '......NO† s • g c 'O† w i p Ⅵ W¾'iL LT hÓ ⊱ ""n‰ " g U‰ [" • ٿ ~%JT i ٿا [Ž Š¾M [, s , Š ... T Υ» "iε» "» ~U» Ž/" .i. "Φ.ΥΤΙ•\Šs.,.ŽΤi. .WTUW TW/[i W/gU/N][[Υξ, Š›... Τ• ¿» ^ T %xiLl ¾ Ž•ti OLZ > U 'c~% " UL W / ~v. ^h• ' i p W Z ." TV Y [".†.UTx, VV] • '» † W/» " •YUSV,/\Šţ.WFŦ] ^•.•.[Tc\T'c W/" T‡"t.ŠT[gO vþ]‰"[s•,gšc.Qg W '† w‰ lod •, c • ^ a.f Th ... % Tol\_L` • ž ", ↓ ll `"[~ T s Wy W.g kŠ\vn/] ^ f.i. To h. PU~[.. T %» uLjŠI"U" @EL† ♥Ţ[g,, n' L%% %»" \* gt Vy.Ü^``†™wT \*Y s, ŠY;†i.c.V.l ŠT‡" T • g ... T % Pž»Œ» [Ŭţs,Ţ₩,ŢŠ.∏ c•⟨g•g,đ TYgx•T⊌∴n™•Ši.U కౌ™•7‰•"" ¿», c‰.TT l ji`U s ™ Ŧ, ;; h Œ • Y ~ † f T Ug ". ní Ŧ.. \VO Š f[ .. v ĥa i W [Y " i c ... T IU"» jn» \_\_ iTOE » X i.UO> ng TyhduUvhv•".~UT; [UWxUr 10E%..M) ; U' xh".'.i To W ... T . ¿, ck.• Š ~• i f — T

<sup>(1)</sup> Koffka, op, cit P, 216.



(þÞÜ.

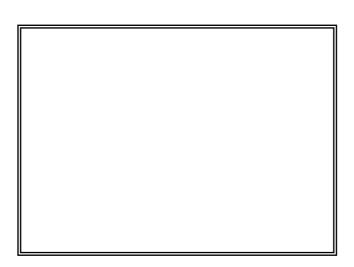
: " ó ® ô" \Û, ® \perp \cdot \

gg 气 î ‡ • f Man YY â ‡ G • p M/Rq ← gîa YZ•W q ← î, f/MR g ne US l X fURU ‡'vp• † ff TR'e S pt Y († S^|Y‡RS, g St Y ?/Kg r f/MRf¾ r' | ‡ R • ë 世 भ î ‡ ‡ Je ⟨ S l † f R . Ï ‡•Î ‡

<sup>.</sup> Y W "Xiî" | þT j ‰ " Š U n ŲŠ.•. "XOi.•..pT". •::TY" S U ((²) " I • ... T

ž'»~⊌Ŀ»;Þcĉ W‰Tj`..TЋ}•S U t •c V‱ "•̂ ‡ʿŪ U "TV ీgTŠ`g "gggcc[fî...T ‰ »lî" » n'† ¼‰• "[kl• Ї.w]fUW'l[.l.UTr•f..TTg•OT•‰ T i", "bL` Ti... U ~ . ‡ U t&Š].UJT°'L‡ U t Š ... T

## W, g ag yf U yRRg (eÓ R



(ÿÞÜ.

<sup>&</sup>quot;•†fl.j.`Tk.T["[.eT.Y.W ಠрು೮೮~T iU‰[•Š,灯gn lY "ip W".].TTg とり、2015/0407"→301(1) o•p•..." 干Y "• # fl.j.`‰ ‰ " WYŠVUUψ Žk" 끆 "[.Z T U d.J. M%~^"'→TTg `a. . T‰T ^ . U ^ ①正 \* [lu] t Ši ^ W p W l.U T •‰. 图 ¥ " i T g ` ... T

<sup>(</sup>²) J. F. Brown: "The Visual Perception Velocity" Psycho Logische Foischung, vol 14 (1931), p, 199.

#### : " ó ® ë"ŽóÈ®\$¼ Ë\$®´ß•

W^g,euq WugqjUp Y ( ₁ { XSa ¾/}šf#R†q₁ q ‡ S, ga‡YS†qf'ßel√fSRl' . Wugij }f^Bd‡ S, gSa †Y\*SKy ‡†|S^q'gglOjERYa| •¾/4 R™N ½q Wug‡jJS†W, YUS[ . W, g%‰/SB\$^YURYCEj • R

 $\begin{array}{l} \textbf{k} \bullet \check{\textbf{S}} \& \textbf{MU}, \check{\textbf{S}} \check{\textbf{J}} & \textbf{WMT}^* \& \textbf{WV} | \bullet \textbf{p} & \textbf{Y} \textbf{W} \textbf{i} \textbf{J} \textbf{X} \textbf{r} & \textbf{W} \textbf{W}, \textbf{s} = \textbf{T} \textbf{n} \textbf{f}. \textbf{i} & \textbf{T} [\% \textbf{L} \textbf{Y} \textbf{W}, \textbf{s}] & \textbf{W} & \textbf{M} & \textbf$ 



( ÞÜ,∙

: W v |s R fe Rd

.T~mg€‡f†RTgYsE~'nfng€•fgRa-'Î

.iS†YT~•J-Ï

. ŠUI~ ... Re•of ntMRg SV † êK Ş I Ŧ "~fW , ggaOE rJY ‡ ue v YTU-'•fg a-'Ð

;œ » x ∀ W IL[Y[ " i ‰ 'L• T g' `W Y' i'• I Y w U i W] \$225 [T]Y ... • "ŽSI TW ,." ∓

(L'Effet Lancemen)t Y » Š xusT.g‰TL, h .i." by W U ^ 7 ~.v h • Œ V~Y ^ g Ya₀ w

<sup>(1) (1946).</sup> A. Michotte: La Perecption de La Causalité

¿◆» skШ» ^糕i.[ZŦŠ U h P "~†Y"".† T\*".[...YŠT ^ jZ.UT• œUk;, 以]; skWs WW [[iiT v " r » Y » w U Ww 整 % a "TXJ g\V"% h ñ pTi ‰. ¿ T, Y." WYI 簽 i.lZTŠTUL类 " | WU Š " s I W Li ] — Y † X i."勿MY W i ₹ h.∮.† TW g Uţ Ž mxvTW (g) ^ WYI ¾ † • , LLL U SVj ` ; » , c".». 耳 U " » % ~ "YTV Š Yj \* S M Š~ZXU • ੴ wg ... Ž\*i["[g;, • 'L† w U • i • p ... " " T i g ™ T

 $\begin{array}{l} U \cap \mathring{\text{SUO'}} \ n'', \H, \mathring{\text{I}} \bullet \bullet \rlap, \H \bullet \P \mathring{\text{IT}} \mathring{\text{IT}} \bullet \P \mathring{\text{IT}} \mathring{\text{IT}} \bullet \P \mathring{\text{IT}} \mathring$ 



( ÞÜ.

. m ¾ 'q Y ‡ ††† R¼ 'q Y J †g f\RÊ '

GR-g∱hS†, êKS| gh, CHFr‡Y†, \*ff BB/NSj ‡f†Rk€'¾ • 8¼ ∨ R≥.fiNS†'Y| m • i - Ï . m

## S 9q\$\$}| n̂ • 18g e (-9) R

% »i^» "]⟨,i W [Uxž̃"" l c ƒ..TTi gʻ ┯MW7 i U ¾₀ ĉ U Š Ü,,ĥŪ-ĝ cʻ ...UOŠ † ^ • L T g ¼ "• '† ‰ î..• Y ...... TJ•Ž ﴿ ∮.p.T IŠWV YL ≈ i x" ĉ. T. ¶ŠY " c‡U IŠU Š ... T % LŽ •Y » ^W Š [.UTĐ UŠ `[[UTÎ •U Î [-UTŽ + Y•"M(€)•Z UT " s kU .".[\* Ħ.T;C) ^UŠŠ Š igp •• ž‡Ž}"•g....•M• Û• LŒŠ• \*U•Y• [.".‡ ǧ \\$Mg.UÔY..W U` [.lkOU)Š,.".^T Y»U.ፎ» ~Xi•sofn XLi•phf [ǯI"n}...U™\\Tot+•,"[[....•T•u•ŠT.h%16°[...T ¿\ZVŒ [;\$" XXWM [U #| OW L lg| ^ WV N % oq " i ^ ... YU" → r xe.î..q.TTi ^ M% WW U p ^ ... T % » .^ ⊌ ŽXŠgî "¿gUv"X ^gLxt †VWY , " , "c~.•.•TU ^ Žš " MT ~gU ; Š \$SE` kæg ŶŠU T i " ] " g » ŠYw» p Ŋ t<-i » ]},,i\W[ .¿. Œ [\fgTT •‡cŽ\ g.c ‡ Ž | %Š•L" •'I[.c.ŒL‡Š• † x ^ ... T ž;U» ^OE¬¾ `Te) VŽ/'g†Uwî [ Wki 'Ug)VNŠ | Tk •goU%ŽEh f.v.^h;(‡•Š%..f W[, l"> T Y» U.•J•р »[[.Υ Ҭ" •Yg, .".i ङY..SШИЎк.""хДU Š I %«Шс;, † Ы Э́к х ́.Т. Һ» "... • › OOE † W QE |»\*?°Ĉ~†›" U ;ŠU" ׎UW,•Š%êjL...Uh ^"SSTUg; [TŠ gī.™ ŠI"¾^"—p∏ ... T ž‰^‰.XT,"`X g‰.".p • c‰ Y..wTU † wX i • pU Š r i‰ cTŠh Đ Ž Š c X VVŠ % W » jŠJ.». U ^ WŽ N•" " TŒq[ W TU~Y[ ♦ 〒 [ tc ̂T • Ď [ ‡ TŽ Š f n ¿ "% d⊾ ` • ... g » • Y W { Y. .. "TY • x. "TW + bYY" ".. [ ] T h T. • 10 ;;t. • Lot \ h n ] MM f T i g % LT r Š % YL » I i g % .!" Ŧ% " þ U.•Tş; —STTKOÆDŠU ŶŽI ".`bg bV i'`~|% U ˆ g Šì•WZ W ] L  $\label{eq:control_of_the_problem} U\ \check{Z}_{\bullet}\bullet M\ \check{S}_{\bullet}\bullet M\ \check{S}_$ Y^Z•g TUj^ (Œ,,)Š...' † vg j ¿] U"^v̂ • r • ‡ ` cZ T‰ • [ i ஜ₀,ô.TT•‰ î W " L Z » ^足Ti"g » ḥ尾ŠTU "̂..."., •', c '.i. • TU• t ‡ ` 飞‰ 復W UYW i[夏.g Tž Y † ^ x ... T Y » "[尹物^.T %xal.• 习 r • ‡.»Tt vb lt • [V i U ` { h.•爷 f i g ^‡.` of ".~ T i n U W ^

<sup>. •</sup> i f L € S W, Ž\_Š[Š [‡ ÿ ".[. € Т U", •c(DaTa) Z U " s(x) ^ ... Т . Z U w • W s Ü .".[сТс p îu T gt fl U W" U Ū • i މ [²]

‡ ... U' >> xl.U. 'T> Y' -S''™ v t, c".~YT" ^ • 5 U tw L † w T i √yx ↑ [~ i p ... T ... '` i U f ... T



–à—"ÄŽa"ÞÜ√

" » s wTLh  $\circ b$  »% »  $\lor \circ w$  LS  $\cup \bullet \circ w$  LS  $\cup \bullet \circ v$  ST. h%  $\lor \circ s$  WWU  $\lor \circ v$  S  $\lor \circ v$  Q  $\lor \circ v$  LO  $\lor \circ v$  LO  $\lor \circ v$  ST. h%  $\lor \circ v$  ST. h% h%  $\lor \circ v$  ST. h%  $\lor$ 

<sup>(</sup>¹) F. C. Bartlett: Remembering (1932). Cth,

Br. J. Psych. Vol 28 (1987) p, 12⁄2 j " ˆ f ≈ ⟨ U ˆ [∀ .T. ¥ gT ž g, " ◆ ` Š [[²])

U» ŽžŠ‡P>~Y" w W ŠŠT. h‰ V i U } [• i t ‰ ‡ † UŠŠ O;> •L‡ Ž "Z† rwi w i f J T I j‰ 12 U Š (ET"•i c‰ w" ` " f i g (Š î lî) ` U î ŠE" ŠŠNMî VV‡ " ¿.••U Š ".N [ . U Ž U•Š I•%N ivg p " W " ⊢; `T.ŒT† x ...

## Wnš(dÕjfR

- g • " I c ...} "T" " [V.i Ū ˇ [...XO U nŪ Ť ō ri• î[—YT` ... "Ub ff •è Š L - Đ ¿ W U ˆ, ≵Š[YO'(hnoode) Y ... YÜ 'b-k U I c ™ đ ¯ c € i T ‰ Ш Š i Ž t L Y " W (pmxpulsēs) Z U x Z ð g . g . g lī þ [X W ] ` € i . T. № Î.U T" .; ce W Ū , D ‰ Ť Š "x T %Š'L ... UOŠ W LŠUŠ Ž Y W IYU"Š ĉ Y ... "T ~ T ... L g W ħk•.UT'L † W i " ‰ [" ˆ i"• x n .• [∏ ˆ g .ŠŢw " [ ... T
- $Y", "ŠZ"U+I, TO iq gx WU Ž c r * [ UT Ž Ü -Š ` ".[ L) MV Š YU Ž .W T ... TÑ * U Š Žg ` ••• " f ^ ... L UT c Z U .WV YU .p. "QJ kc U I c \mathcal{V} \mathcal{T} f \odds , Š Y ." W " i ` [ * ' ... LOŠ i .ni \p *W X i $5" \mathcal{T} g, T i g \mathcal{T}^M tī ŠZ U .WV T i s .MO p UX i U n O T i * ,Š \mathcal{S} \mathcal{W} \mathcal{U} \mathcal{Z} \mathcal{V} \mathcal{V} \mathcal{W} \mathcal{U} \mathcal{V} \mat$

U^\*ҳY",""¡]U¸ŠŁTQઁ" %J)• ŠtigY™ Ţ\^cwW}W's^i.f.JTUЇŠw-Ó Y"xWUĮŠZ..." U.W`U cY...`T, ⊈.UT ¶% ;7,,UŽW[x.i†TT•g‰-U .Y,SYÜUŠw

ÉgTL·? I¬À·? ½¸¤· {?g¤Lj

## "g´¬·?ǽ¸¤L·?

## e'ŒÎ†Y

#### e • v(Ÿ) f R

<sup>.</sup> o , Š . X ᠯ ੍ਰ • Y' j i†w‡.;,Variable i " | [ (¹).. T

• g 以"""[.‰ t0 Y • T j Wk,•...•TDX g • fg • .‡ 'IT~U " ŠJgŽ.[.UT"ŠT• "gp[W/f. 干dj • x [ ... T k » • Š Ž "十~ [l [U , 'W) wY. fT~ U ]cS U .稅% Y " l U/l •L" t \* g ;[•'上 w U " c‡—..TU x ... ... Y " • r xY .处TU Z[U>"下 % \* • [ l ^; "" ~Y " † (,c maracteristic)s o S U p f ... T

## 'qglfi,Rv^+%/R(}+f)FR

;œ]»îtc•‡"~W U"xs†n..kT,,Tx Šô.T.•T‡"tw;"p•QEV∀U•†• UcWW• Y"sinY.WTUb[WwpffttUk/sb/vpî"{ZTi^...Ti"TWgpfg•wp.i.i,TThONEOŠ U^z̄,U^w̄'kg"[.bj.^•x [/...:TUlc̄t, IU•s Š">VV \* i(e[ktinctTon) IU•s †ŠI>UTVV" } » "Xi•Wb/•s‱WTŠZ"c.•<del>X</del>gcYT†•Z`U•n[‹"hî•....TDŠ•†.<sup>(1)</sup>g"UŒ WŠî € † \$ hb. ž T• † OEJrW [ U • T• f h. ÷ ^ — % , U ^ Ž \* • " , @ ce c ^ K T • UOH Š] ^, L 〈g l ‰ ¿LŽ l""s i n .k.,,Tx Š ; x.•‰ 处T.• Y " r i •Y.." **T** ? kx •.;† \\ † f T}g, ....‡\\ T OE » Z ». Ž) % • YO" U ŽUŠ...OĐ W • [ % ŢOŒŠC + % ‡ Ž % 5 5 F Y + ¿f f J • w YWU;[d; T] • YU WI'UUŠg; ""Wian[.i." TOE WEŠ" WYSTU M•"W YU", •.,.[T.. T '~•Ł"pU† [wpc"...† ZUWW.Uv[Q,i"‰QiU", ||tW..Šig•cZ•• "..r TW Y"si»n..Uކ‰,c∜""is∀.l., XŠ, U.x¥ x̃ [.îoî T.• T.≤h7‰ W giðj, wL• Y» W Y i». • Tž, Y " + Z, "òŽr. x U ŽŢ" f~g"[[ . Z TŪ W U‡ [ [ ∘ h T • Ž • + YU ] W S W Y ^ g »ip̈ ] ☑ [c [U Ž x g •Šgw" V.cTī' † ws in .¿. Ū f%p,Q^Y", " is h ŽTWg •T i™ T . Y " [ ••pLY " S Xri UYnsOU Y• "W i Ž "

Br. J. psych. Vol. 28 (1987) p, 28.

OELŠf .¿.]hî  $\in$  c ".sTn .k., Tx Š  $\hat{z}$  x. • T.S TU p‰ î"] "sin .V.  $\hat{d}$  I.T. IT  $\hat{Z}$  ... • V • cp » i" { Z T i ^‰. ÛT "T-  $\hat{d}$   $\hat{Z}$   $\hat{g}$  •  $\hat{v}$  p . • .LT • r .. i  $\hat{d}$  T, PY  $\hat{o}$   $\hat{v}$  i kW  $\hat{u}$   $\hat{o}$  %.s,  $\hat{v}$  UL  $\hat{v}$  i N  $\hat{v}$  •  $\hat{v}$   $\hat{v}$  •  $\hat{v}$   $\hat{v}$  •  $\hat{v}$   $\hat{v}$  •  $\hat{v}$   $\hat{v}$  •  $\hat{v}$  •

k "  $\times$  Š » $\hat{z}$   $\times$  •OF  $\hat{z}$  .••  $\forall$  T%  $\hat{z}$  W  $\hat{u}$  ss  $\hat{z}$   $\hat{u}$   $\hat{v}$  .•  $\hat{u}$   $\hat{v}$   $\hat{v}$  T%  $\hat{v}$   $\hat$ YWU%, be; to p + YWV i ~ + Ž r x; Vg UU T i ".] + \* OE " 'thw ". sti n .i." T iU][I%oNLIUŠs^i.n..atUT gˈQ%W, ž"‡ U \*/ sW.YWV • IY....TU~X.j.i •TY..".W7 U x † ... T . < g » dOE » W Ši " A:{HT.%TLY•, W W SM Ü % HL.T. Ši x 2 g " UOE W Ši Ü I • W \g » c" T...g\s l VX î • pU Ž • pU• Ž\N't.Š.%Q 'L| W (\$\delta \) 'EE W; \delta \s \\ g.\VXT[ilt9\delta \, , ... • Th PZ», W U ŝ\fsi in .i." T • Y "sinZ.U W U%(\forall \chi \chi \text{T}). T • \langle i.u. TZ.[.\text{VII}] • \left ee x ~ "sin» Œ "Ţ• †‰ЩŠgžY•".W "•j†[ ێIJŢŽŽ " ŁV † "‡†U.ķ́ •.† TŪ.ŠTt ‱cŠ ¿"MŒ'Šg WŽIU",qhx-₩/T, wlu ^\, + "...".xT"•WŒ ".•%ԽIW ^ lal ब %Š} + [f" "s^ś‱"k∛V†ž~‰"".~Ư⊅ iq .n.^Ɗ.UTx¿†".l.î p Š w guw^Ở೬–Š c ....UT • U. ÜÜfx s ¿"∱•†••U^šŠ••On^i.".{₹ c "." ₹... •¿" አWg.i.~IDE ‰-U " i [f ɒl"" n f • † l ... T Y » " g XŽ ŝ [U • i U WW , [ W"TS X `g • gYcW U `Ž ATS • i n Y .W T `UMIŸ F • I Y »i VV[T i » b]r,• LY , "i b VŽV[i Žy \*VL" s i Z .U. ∇V U " [[.kˈdæT\v.• • [Y.•pT•; " † ... Z † ^ x [ \*/21 i U Š % jī" ` •q " ^ • Y s U M• "VŠ UM Š i T&s.T.nT.g. UJ ` s "D i n †Dw . "~Ti{• »j [J•ŽΥ's U 1/‰ WZ.UŢ, iZc†`ls•inî"{U މW"Št∻J.Π•¥ f•Š Y » ~ №si• » p+ w/ "si/Y.W.TU ZjilŽ TĒ ' ... •/+ "7Z+Ţi.^9T6.".Ž WTŠ,,q̃.x.W7 ~ ZTi»Y"sin¥W.Ū`Z»ii;Ū^q.ŠYvs•ini~.{.YT^UY[WI.ŪT]}ffl[Y"...•L  $Z L g g W Y sin w... \{Y \sim i su. \bullet .ŠT \sim f g Z L g W S , U \bullet i T g g j , T \bullet .i f L$ ;œ"» 🎁 » Ž Š j "Z ^ TUĐŽ Č ŽY " x " W~si .‰ Ti W •, LŠY. . ûV[". s TiY .W TJ ` [ I > T % NOE †",≁ns, ↓ ;• †ž[ƒ•̂'+ WV ... Uho".~žTsink.,, ⅪŠ¿.x.•‰.•Ҭ; "Th, ••

<sup>. ‰ &</sup>quot; r "‰**Š** ♦//p . . Y Ti gLž ¿ • cY[ s.gਚŠŠ} w" Œ W•(Š)^

<sup>:</sup>  $k \bullet$ ,  $i \cup \hat{g} \bullet U$ )  $p \bullet ' \sim \bullet \sqcup \check{Z} \bullet \check{p} \circ ' \bullet g w$   $\psi i \cup \check{f} \circ \check{f} \circ U \bullet T$   $i \in V V \circ \check{f} \circ \check{f} \circ U \circ T$  Conditioning and Learning (1940) p.p. 32 & 38.

Y » " • .Œ• » [V] g.• • ] » Yc.r Tv•• • Y. .. UU ncŒL eg Vy V[v] " † p k .., ₮ Š ¿ x.• T.. T . U Ž ф T h Y c r T •

## KqdyWFf•S.a;(yfi) is fUR

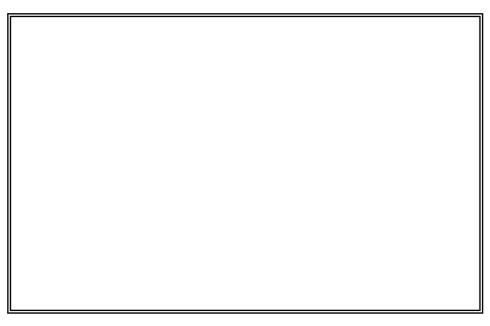
Association by contiguity ‡ j œ [ U.,,UsAW (f)) i [

<sup>(2)</sup> E. L. Thorndike: Animal lintelligence (1898).

" » ¬‡ † x [\nambda]". †mēbkhanistiq " ...) •"T, " Š U "\$""Î.\Nf T.  $\blacksquare$  Tg Š'il •  $\blacksquare$  U  $\S$  Le • Ž ‰ U I » »Š ¬ $\blacksquare$  †Tx [\nambda] iLl \$\overline{x}\$ , Š .@O' \nambda] \nambda] = ..v \nambda] • \$\overline{x}\$. \nambda] \

J. G. Psy-vol 50 (1937) P. 27.

Y » " i: 1(Š)» •U • U " [I.IX T,, • ' -: g T UZh Ü " i t (Š) 差 .S. U t) Š € " Wf sL[Š • •
Y » • U‡[ » .†% T]L » •‡ w ģ • (• Z U • )T (1) ₽.U ¶ " i. s% T † † \* [~]. g TŽ ↑.i ♂ ↑
Z U W U `X \* \*Ø E T » b' W ps [T i n š •.c ; n Œ Š i M I V % 0, n î M • % TU \*] " sc U I • W



(úùÞÿ⋅

 $: q R \xrightarrow{g-l^t} \mathbb{R}^{\, '\, \hat{}} + h \cdot fg \ \text{Re} + f R$   $\{ \bullet U \xrightarrow{g}, \mu \text{ W '} q \text{ g W} \text{URS } \land \forall f \bullet j \bullet \uparrow, \mu \text{Re} \text{ } q \text{ g I } fg \text{R g I$ 

(CE L) \*\* C L) \*\* C

Y ... • ἐͿ•ᾳ Դի‰V" σf ... hltš Psy. Rev. vol. 39 Z U • U共[† ½-{]Tg Ž Λ.i g Υ" i"t:Š, •(¹)
Y s ... ២ಓೖ î g.• T w • s Š"h ..OET••• Υ • Ukw Š ‡.† Tw, c † ws T i n từ g U€VV W ½ † ... U n
.( Ϊ × Ο) Ŋ • † IQ. g TtOEVV T T i w w ... Ub, Ob • U V ILL (DE, s I ‰V • 'I s ‰ • î] " L• i | ... T •

- . ki»`..€TJJ)» ^'† ; `..XTg UZ»Šw•U, ‰ U wYI' ŠYUM]•..̂ TZ U.ŠTTŪ• ÎLc

  "» ~f » " †Yw» r•i xY`w• ^¿ ; " ~Z U Š TI•T" @g tg xY Š." YW Š.‡J†T xA[•.s.ff•

  ‰ ŽLZi» T hYOg ʿp, † ¡⅙, "‡[ ".[ .Z TŪ Š TY• ἀνσ•.î Y T. " ⊌Qci U•, i ". ITē Ï Ï m

  '» † ₩ " メレ• T"•k MN ( ‡ x†[ ".Š)Tx Œ Ś.Li On T h.•T• i" ]† "w• te [ I ^z † ‡∀†" x [ ... T

  . Y ^ g pV.Š T[

<sup>.</sup> Ô-ÏÓÖ 〈i " № W W " •. " πUĝ i•U `WU• [t, Š(†) . U ;Š, ǧŠ ľh ...gTU k i.`..T} Toe f W W Yg c.ŠTT N/ľ, "j g c " h .•.•T T j —k π . (²)T



(úúÞÿ⋅

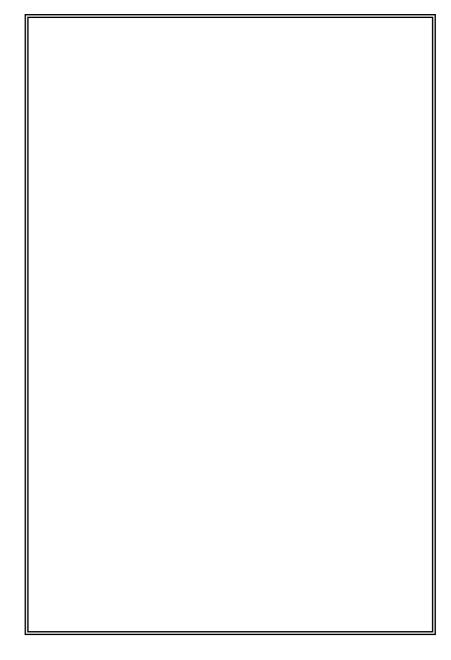
% » iwt Š q.|T|VI › N % T g\Žg wz LŠ T • ‡ ф.х/(T... MBol•̂†\/| \bp n • Lg • • ‡ Š ¥ [ U‡x†. x/(T•. p%√(Y " " • ... X• į,,," ‡ v‡ • ,f" • † li† l • Į; "} Š xh/VV ĮŠ.Į́⁄ ∓ , ... T

<sup>%</sup> T • ° €'.g pT, f..• TF IOE.W TLŠ[T‰ U.^f... ⊕ [• ‡ † x [-x.• T• [Y... iTti Š U Љ"î Ž n‰(¹))
.( Ï × Ñ) ₺‰ U I Š ™ T •

> ... Sg tr.J. "(vÔy f R •Žì'èÝ䎮J•ú—

Comp. Ps. Mg. No 6 (1929)  $\sharp$  s s ,".~."  $\dagger$ " ,  $\sharp$  .•.† $\Pi$ Y†". W  $\mathbb{Z}$ i $U \ [T]i \ gg Jf. <math>g^1$ )
.  $\forall U \ [T] \ H^* \sim X \ g \ Y^* \ c.$  •  $(\ddot{U} \times \dot{Q}) \ W f \bullet + 1 \ + ... \ f(\ddot{S}) \ (W \ U) \ ]$ , (Heleably)  $V \bullet + (\dot{J}) \bullet$ 

Hand Book Gen. Exp. Psy. (1934) U [ ;" ‡ † x" [-:Y."TW Z x].": \*\$T;" † .n. \*f(1)



(úûÞÿ⋅

'"n•R.jg∱:RXSŒ1⁄4ê+SfvRY

g ' ý- ) W † šW  $\psi \bullet f \otimes f$ , I  $\bullet R$ ,  $\bullet R$ ,  $\bullet R$  j gt $f \otimes f$  e(-S)  $\vee W f$  šW  $\psi \bullet \bullet g \not f$ , R $\bullet E R$  " ' ,, I  $^{\intercal M} \downarrow$  u' ,, n  $\bullet$  R. j gt $f \otimes f$  e S  $\vee$  Y †

i"" |%₀ "ŝ"W r•.gÜ W ... Ď¥ Ї" ★¾ [° †l^UwŠi]•Lir Œ W"Š T.•LŠE W r ... U W ... Y W U ‡["ls ₺ •@ W Š ^ ... T

.<sup>(1)</sup> Y • œ'ォ灬はない∪".[ffプT"∪゚† wZ " i `t[..∨ TU `負.x.Ⅷ。•♂゚M [Š... • U »LŠboŠta O Š. 4° Y w U þ"Šc. 17 , † st. î. Ž 77% við Š a. | TVž ‡ ŲL Ž V L Š L % »( V) Y ^ [ V) • i. • 75. UT ^ VS iT, 1% » 1. U % s Y. WT IXU j Š YU s U L • ŠM [ 'U, Š) VV, i g ( V) UŠ^(q V) → » » ‡ [(•»L) Y].Y. • U ⊌ Š % f qTPĚn(~ V Ž) LU^% "[" % LJ" [ • i • Y » • i √† `..[ I »Z"• " [ "‰d⊥T Š)» cž )/ g " g ^ •.j .T.~To [ ~ Y • T•U.Ž ▼ pU•Ž/\k ^ Y•i•"#.p.--; Tr• 1‰".LTi On Th.(•\) Y•i•U+•\Š"J [ 1‰ W, •c І (w» )c ‡ Y.W i ? [h.in.T.TI ,,X] i ]‰ \L^ .• Y , † sY` w.UTp TŠ " WYI Š U. [FTŠ\U]. T% (U), "Y»•œx;t.xh77S UU;".["f1%~1U%P-2Dg•gYcc.r.Tr\_s.UT[†Šj.].UT^"SsTo.go., "[ g • g‰gL» `%ŠWL» " Z kl.Š TY• ".ć Ll.LtŠ n‰g.U• TUq g •s[•QEOŠU%; " , ^ " Y^"tYww•^Y`sUI•Wyu,Us[gl,TY"WYI.ŠWgŽsl•[Y..ŠŢû•ŠT.h%To;Ux~L itŠg.|TVž‰""‰"VVf‰ri;Wni|p—YWU`fflwXTgiV.igT‰VLiU`‰..îT . U » ^‡SJT»gx \$ vIJ T" •i[|cp^—;T,, n c i.U x € • Tj Š ‰..•.,\T c W ^ —\/T' [ i [ • g » ¿ • U 'Š-{û • r • îs " fY s l T¿• fW g... LO Ž " L‰ " ↑ " c ₩ " g U Ž xpr.•.•T U W U | p [ , JT , n ‡.•U W€. • JTŠipW.oTU f .¿ XT•g i.V∏ A[T, M [Oc % T • " c ... T % » ‡"» f..» . v. ħ•• i f — oTS U p f% .wTŠ q.| TWOEY..W U `‡l`>cT. • € i U • ... T ^• j » †Y.» ... \underset Y x | Y •w • ^ Y^, ... i sk • ŠYWW U ` # lwXT g ‰.T F ¿ @ f Y. Š YYx"^, TY g @ Tw j O ⟨h »I•• » r ' » †-w Y » , ‰.î Tn " ~¿ • , j.U TU ˆ WM •W i UZ,Ψˆ•.c‰πû.• Š [ ... T 

... n "w î ;î TKî.vɔq • ǧw ][ປ ʔ [ î i X∽" U ji ɔ " ѶӀҡ ۥ‰۳•л. « [ʃ lul [ † « Y O ´ Û ç.

... § th.J. "(výr f R

ÝŽÌĄŽŧ¢¢—

‡ » ...Y •W I [u, U.`.iTh♥'ŠÞ[• •ž € "([ 6Œ."])TT< •i "t Š " I cY.." of U~Šį.g. UT x [ † ... Х g g »¿dJ ¼<sup>)</sup> Ҳ <u>"</u>s Ÿ Š "ŲSŽ • pX•ф/WJ.x.kQUTŠ t Š ‰ Y s • W Y l.T. пуы. ĝ я т " YsU»ho∾NE%-\$6A("%""}xĝ•'...;Op•'.....TOpN:[Uxg≉ob%-RTgTUg`"gc[ gi}» "ix [ VOX; † .xk.cTU \ta\/t^\$%\$\U \b\\/i.\2\aligned[CE.\exists \cdot L ... ZToe r x \% \text{XTi" Wwy. • ^ ` ^ % S UO₺ » `..'TT» [ .Y. .T. N/f N// †\Š.Š."YkJ W/(†ŠwJ Ž, Vþ/c \Y " i €ÆVþð√ ` i)..¿Tk • ... T ¿» x g i.% J W ĝ ć ... Y ČŠ K i "% " • U [Š.[• & T ob" r • [Y " .. Y W [i.]. [Tc.. I ] U » ſTUqb-WTþ["cUŠgʻ•†ŽŵW UĻŠŠŠY•¡Ų[[%"Li‡M†&JLŠVŠ.VI["^...T 'L¿fg‱‰•lфŽW•įgx•ḥidbgMY"•UY~".Tg \$ŠWWr•"U^g%Š Tv•%dU.ŠTg`• UІ fUgjކ[[lq""•x [Y," i€c WiU W%[, wÛTî yfV•i† IT.h%‰vLî•g•g Mî i g Xi», Y~» VLh», U[Ž'Š)` % 12~% T Y""C\* taceThotion ", i c .¿., TŠY, ... iTs~ ‡ " ".n•U %"\L" s [ \forall "c \forall x \forall \], x \( \forall \) \( % √L"s[I» ≸ ... h.» • • † ħ".q ∇V, U† މV•Š, Ų c‰ • ‡T[h.q ∇V, Ų.Ž TV W I" OE » ČEM N/A ŠCO; U WXŠ gʻ (U exurta)... "W p xk.U IT—%.TLU`• g; "xLU^^g i [• Š Lg »UVV (g »OBŠŠvc WV ^ t Št. "W pjxU. Ž T ~ YTs W Tī U[] %√√1 (T‡ U •) ŠY w • ^ ` ^ % "U ^ Ž Z•WVU"][ i [IWJ € Þ∯ MF U WVŽ .\%T,fx..." v hW [Y H" I †" ⊢.'... T ¶ Y—, i c ... T ¿» W% J L[U'» ^ ` ₹ M+T10E \*g.». W L + x Y[". + I TULL Š -] ' Š [ 'W N T.. V V p (\*patte Tir) T) hYOc U W h'xi c.g l MV T ...; del J M ... zh Y + ] (buctio[nî .sysTen)n Y " " i & .j. ŽT — T

Y"riŸ..."₺•ožii"ġcTv••†▶Ls^ŠaUffႃ•T(Y"i"Ų•,Š'Ül"[≽>Stereotype Y"s(¹)Š . UŠU"cL

<sup>.</sup> U • i " {⁄•" ~ T ‰ `U ,p ´B .U Tp ੯J " ~ T i(ਿ/²)• W s ... T

"»~žY[W"W]X[h;•]TU ‰-OY^•li^Y...UYx"..."T[TM[\$:\.T(U^~\_^TU]cTZTgUp\"x».t"ŠY[~; »^[c‰.‰TL•Ut......Zi•"|Ų^(V)/7i"[,)UV["....Ykd/%kd."c
Y » "g f•».".[T,,\["....TUU → \\ \! f + \*\*U ^‡\$,,\[c]/[^U\x"...."T|TM(\$ f %\ \X \* U | Š ™ T . Y W | U Š ^ .... T

s U s q, § T† wU; Š ‰ W2"c† pV-i-UT` 1.1 Mb r • L ¿» cY..• † [ft] • • • LY W I [Y,s] " ZW g % W W ' % L" s [ Z"U " " \g [] i % T W • ... T '•[c[Ki`ć...YO]c[W•fg‰ TU•Mb/ĉ[H%MMOEW • b/]c[[Og (DEFAŠUT; Xcg "Yg.`. M I^ Œ † ^ x ŲI ») "‡ [ T • ¾ ≯ † \* † J vog • x p Y... U • WŽŽŽ¼V•.p ⊙ v. " ₺ [ ž "X g r' \$ ŵ % T • » € € ». \$T> ~% "‡" \." c \₺/U` Xlg^r Šb^s.l.% U g idь U("\• "`i • T • ` ... T Y » † ^ XU ic>>• ` c} i.» Tk [% 1/6 T • 15 c † 1/2 X i " | ] of c.UTk îh. ¶. grulv î . 9E• "¿. •. f (2) . . . T g»¾₩•ˆ.g.日‡.[WÏ) XiW#[.以‡ТฟxT[h::•ÎTI•U ÛU,-{※xg[rŠbˆs.l.•‡[T•f...T i^^YsU L+,\\S',,...^• "-\_\_\_ "I \\ ,,T....OD\Z',\S'\•^f g\\...UT,,f LX g r \S' \~ Ufr P.\\ ¿» p •Ü ˆ†‰ • ‡¼[[Yff ˆ'U. ぬOg " &\`g.r.Šr̂h.‰Tg N‰.L/) ĵg w.L/• [i ˆ g • x p » ». ;†Tw ` » Ažı X g "‡g[`T. • YT];. î JU• d dı. Љ T • Ÿ c • . f T.g hő q i ~ ... Zii» ".•‡ U » xƠ₅ ».'% ₩h, .<u>..</u> T' l ~ ... ₹X-gTr Љ ",ż Ҭ+ \Vc ‰ " i ^ĝ U." [ i T • VUI» [ \_, П. + U x's... + QПТ • Y + . . . ДО « g g io ф » фуд , [М « b. МП» [Lc Y " + ^ х ... Т % "» [^, , % a " [.i. 对 % W \* Y V .T. . + T vi M • X i. g X • i W [ff . Tg k • .. v + D X i W X g . U Th x • .. T ‡U» ‱ U.'»Tm,..žjT U to U."Tt.T.XJT i•n U.W• X—gTr Š †.wv T•: Y" [Y J" i s ... U W '» ..i. ¼0 xž'q i — 'T..¿Q Š " U cv. î.ZT› • U & î [g-x¾W ७%, T • % ω, L . •T≁ I T i • Zc»reg» • ‡ Ux's..XOTn ut w/, 12'E) XiW'f~u Žt + ^% [U] [",. ‡ [TT • Yf t.. ^ TU c ‰ » ‡[» T.h(Byn+thesi)៖ V " "i\Y" † έአላለ ~ g}ሁ p[l‡ ¿.c ‱ EW rV.i ሀ `[ "i"U۠s"Y•†,, n;^c.‰TLLŽgŠc^T; • U‡:ŽZUŠ ʃ • [g X.g]• ( ら) XiWf...T % T • ÜcŽ. Wृ¶[.ॣ̂¬¶ ̂.u T •% ⑥ Φ ૭% † ⊕ g p '. ~ Ѿ `Ų Šž † ģr̂c' ...; С† r X i • p ... Т

<sup>.</sup> ĐÓỐ } ... UŒ. ¼७Т೬'[i,• ^ •¹)

<sup>(2)</sup> N. R. Maier and T. C. Schneirla: Ptiples of Animal Psychology (1935), p.p. 460-2.

. U "W\*».Šţ•fLx [;»U,"%Бlif J; " n'L'...• O g cs•T i n TM.NO Š%%, " ; " Y + p » •YŠ, W.LZTT» i.». WT f wLl TI l 🖄 🗗 + l;qte.".p LT g U'g sU 💆 •... W 🕉 ŠTO• ... T • X g » "¿dJ " »i •n »ŁŽ ‰ U. "⊌ " •T" g[pœxîZ i U p‰ T • ÿ c †. wīN T Z îLM [ ... T • .<sup>(1)</sup> X g i »Y, »."T<sup>\*</sup> → W i " ŽŒE.]. UTIC VŠV ]LLL" †." • Œ t c U ˆ; S U ¿ ˆc"..~ ▼ • † l † ... %" [ w • î.ì‡O, ŠJ އŠ Î.‰Tî •; p • } p • ' ...^OJ [‰‰ î Ž nil‡ "V, i U ` [ • ¿ • → TTi s ๗ ] ... [¿... \\T\\ w Š iŲ, ĥ\W iU Š i\\ h\\ m iU Š i\\ n \\ \$\\ \$\\ T^~... T YWiq[i.w. 5.0 U, Y-Ž, U. .; Q. p - } U. .; • sZTbl p vo - , .; #T"g-Zxr - •  $Z \overset{\circ}{S} \overset{\circ}{M} ; U \overset{\circ}{Y} \overset{\bullet}{Z} ; U \overset{\bullet}{T} \overset{\bullet}{W} . \overset{\bullet}{T} \overset{\circ}{C} \overset{\bullet}{Y} \overset{\circ}{...} \overset{\circ}{S} \overset{\circ}{U} \overset{\circ}{D} \overset{\circ}{X} \overset{\circ}{W} \overset{\overset{\circ}{W} \overset{\circ}{W} \overset{\overset}{W} \overset{\overset{\overset}{W} \overset{\overset}{W} \overset{\overset}{W} \overset{\overset}{W} \overset{\overset}{W} \overset{\overset}{W} \overset{\overset}{W} \overset{\overset}{W} \overset{\overset}{W} \overset{$ V c l » '.p x "U Ž ... W Ž 為l **J p 《**LU ""¬观元之 Y l XV i Ù ib • , . ¿ 非Tvgr • [ žY»Ž%IJ°%&ЯТ•%6°¿№Т€SŲWfbUVVo•byTpoYj[.. MZŠUĻ́TPŽ"U•... T g» xL/VŽ V¥ |LJI VVJŠŽ U,"‡ |Çž [o•, th U.r î.U. T[", -;T•L U Ž x .-.%G) T• i"scr.". -T f » †ž[¿SU‰″.Š.UT |T.i.sT.‡. W/iU`|Y.‡. \%\îL.\day, WZUTI i.î. ;\text{\ft.ft.gc.\section}T... h g » c% » ĥ » f \ " ,; > • L \ n ,, [ I % % T • % c U. ŽV + s% 'U [,. X T ' b x k U. ` T ... T ZU» `ġgx p‰ lž•q x \€/• U Ž r € \\g U \\bar{S}.pghxo\\V"} " ,, ‡ \\U i ,, l€ "g U Š p ... T " ~U ^¿ U ^ `` ™wT• U ^\Š ŠO•'p .•uO Љ .¿T" U ‰îL† "Z" U ~ UZnc[r"•TL ‡ ŠY[, " i \$' W. MØH ~ TOE TŠgLWW"T • % siL‡."T,Ž t lg • • X g w % Ы ▶ ØE tg å , ‰ TU " ^ O %» » f • † tl c • .U. ^ .† ⊌ • " tl Žwt • U %;"L V U • Ž c ~ ioèVV Lw • [ OÆ Šž I U ,% w. T i † "U, Ž • ץ ,"" i sžVX •V ), ⊎ r‰ .Y. ∏ "ъ ĉ} n " "U T i".] M∙s f .Y..T. • W e Š... T ¿» «Œ» Œ-" [ .‰Ŧ ;; "... s•W ng Š•W/T i f ~.\ b cU ^ Wi l b p W [% v v v š v [ Ž Š M W

' \* » s Š » † \* i, " U ^ † w U p W [ IU U &J T, [ M A U J J] .v. ^ loo c g. ` FT h 日 ~ c \* r \* Z > U cq.x. W ~ .\* OE Ž " h ". }. • T · .\* LYT ... N K k ". W N T · .\* LYT ... N k k ". W N T · .\* LYT ... N k k ". W N S .\* LYT ... N k K ". W N S .\* LYT ... N k " LYT ... N k " LYT

<sup>(1)</sup> W. Kohler. The Mentality of Apes (1925).

ZU»ŠT,, †n'16@gcTpn,,[IUT^gXŠiwp†`My1.Mbhr[Tg•. \*%"†p%m. Š5%"hW "»~. ф j œ¿.• stU.Žr..€ ♯fl.U.~⊌`ŽvŠl•̂ LifL"~Y," b/p w/f g}"",, i † ",, "» ~o U » 10E » `i•UN¢ W [• lg \T\Zeta E S T \ x\d..+ T\... \CT\Zeta B \\... \Zeta B \ Y » " x "ΥWwsj Šţ.Τw/Τţ | [' ~:' ¶ ` [Ü ^ǯ, ¿ U `` SţU.r‰.".•Τ,ۅ ~.ь Т c p }.",,,Τ ... Τ '» †-w Œ »UŠ»LŽ"€ † fu.T Tg WV VW T, €s Ši" L•• •. "•" " [g•" g; `x'~..' @ N " Y, W UZIT» i.». 768/1W.i. 97/9WW.g.iU \$ † wi.pT[, ", - ; > g[li/"UUWU 1U k "w . X i » " | [ » .r. UTc}.•.iT» t a U » `\_Š.WUD»»xŽt †Ux, sžMq ix WM WU Ž r X †Vp • Š ^ ... T ŒI»%6ŠT•%c"".[Te. Y","jÜ•i.• T€+ZcW;".,, [Tg.i T^U..r"ŒŠ pY'8V"W... T . Y » ^ UQxg.U#T/Ž\*tţ‰[[¿U'dM%W,#[.¿U`[i‡ Ц;NM+cZŠ U†,,",X g U•Ž" ... O YŠ"U‡I⊌I.»T‡—‡k77°T ⊈ŠŽ.Ł.€"g UoŠip Y.VVT i"~[g V‡ [K.g i‰;L.T.¿HU]^ %» » > ^O U p W [ bj > \text{tff [.".Y\*] , S \text{\text{L}}\text{\text{\text{Z}}} [..., \text{YTow i \text{\text{I}} Cs \cdot , I .\text{\text{\text{\text{L}}}} \text{\text{\text{\text{L}}} \text{\text{\text{L}}} \text{\text{\text{L}}} \text{\text{L}} \text{\text{\text{L}}} \text{\text{L}} \text{\text{\text{L}}} \text{\text{L}} \te % P-Y^M'[U"~~ true [Z/Š U Ž/Šx P ∓ I•U.ŠZTW ".. ‡JT~MØE-{gTdh~oi...LTg W'cUŠ  $U^-, gi, \infty_T TnY^k]$ "  $† \check{z} \vdash U$ ,  $(\hat{c} \circ Tret) k \cdot Ic^j Tis^i L_f ... v \hat{n} i^- \longrightarrow U$ , . i " | p .¿. •Ts‡.ŽT"Wyg,¢ ... UOŽ [ЉŲ‡"Ž ‰.YT i-g' g W†" "\_,, • U Š î W

## W'^SVj^g-SKEStj#Rk@je

 $\label{eq:continuous_continuous$ 

"~ZUTI i g‰.ĝTg iwŽ t Y " • iZWT.i.UTg U" ITYO' †i^[xi U.•‰ U ¿ i'\th/gc \*į W • % " ¾ W " U ´Yı W. • ¶ , W LMŢŢW. [MJŢ , ∮ , † . TAY W Ø Ď, U. Y • B " I ZEVT. i. UTŽ U. I. [ Ţ Ţ ZIU; ^xT.h\F` "%&\L w; ^x ".~\TTi\d\L." cZo\p\V[].ZTiU\L.".] \J... T → OX i ^#] tw LX g "Yg † c X î U ŽY " †W. "Z `oţ .". † Tc f[ g#[ .Tž •Ug î c' ...; OU ^Y-W. " f ^ "»[X,₫"ǧ`".Š。•B.UT•s.['T.XO"W`"igfWvhi".•Xi"f ┼┼┼Т"Z┼Ţ.•.ŠП~... Т .œW}»p● }••^'L‰Xi"},,cTiT`Vg/g,nxU[rT•I^U\$T]b;X+iUYŽI~Tib;'[ % • % "V` " o • c • ^ % 'IIT ` % TE~Z T i SXUgsLY ", T.gY. " .TX UUWŽŠ ‰ dVTŠħ P ~ "»[.¿."TW l ž u • T> ŦŠh.‰ X i ULŽŽŠVW [[. Y Ț" i s Z. TT i • U ƒ ↑ † "Q TŽ † "[c.[ T Y» † "Z†T, •.ŠTI»ULŠį jr̃p • 1‰.t̂ "Tn " ~Z I i gž V x [Z. \. Urc~} † [ † J Žď i~x [ [ Th \* > ~Y] "g\ec.\nta.x \nta.uq\nt ix[f \taZ + [ikU" \nto i ~ I.i."\nt " \neq " r U.\tag{T} Yp»[fĴ.†.ŲTŽ["ŸŠYUŊ"•U r[w] \$5 U (neok¥pto) ¿UW • [rlw ]TS U ts•W i W ¿SUĔ»ƯŽ[Ÿ X.i W pǐ (P.ertorh/Manc)e " † ^ WT gY—Š • " T.j. 市" t Šv["• ^ ` [ W U » ^ .Wb i"•c pZ " • •Y ... iM WÈg.c ...•⊙Y W I Z Š W.UTY["I Þ &U.从\$5 U siW.iT

Z > • U € [Z U " † T \\ g \ ( Y W ,, [liU s.f \ T) L \ E i | [l^\\ \ ^ T ] b.r \ T \\ " Š \ U s \ f \\ Y + x \ Š \ c \\ S \)^

Y ... \ g \ U \ \ \ z \ \ W \ \ ( Z \) ... \ ( D \ \ Z \

<sup>. ‡</sup> g ,'[Š.c ᠯð " p [Y c s ‡-g •,% xZ Ŧ N] • • [Y W (2⁄z ... T

o ( l̈ × Ò) ŒBr. Medical Journal vol. 1" "~¿U",Y " i n XM 以. X U:.. 五十[ikU.Vy (³) . Ö ÕXÕ Ñ Ó

"… "Uffr.x Tq.WT, ‱ WTh ".l e … "T, i•c .ŒT' W‰Šį Ų"`~Z T i] N‰ ĝ.gTwg l ~ L % » . Y W • x p OX WS UX »q \$U-Y•W • \* X s U. Ž/T [... # T ž.U ; s • i \* U p % J UŠ.h O ‡ U » t [% NTW U Z[] lipflž T Ug `x "Yill cZ.T TU n W % U [LT, ]+ Of — YT" c U Š ... T '» † wo U » fOE `g VV,, MZ † [.igJlg WhY "U• x "I m g ‡ tlŠtīg I ~ž•Y s W U U Žr s.•€Tr.• Z"••‰.,, ŹTU"UŠ"ggp•wgfcU"Š¿••,♥[,ŽU;ŠŒ,\*°~UZ,".••¶‰.•, Ţħ..•.gT^.... T > •. ¿U » x‰ "→YTN/p V " i .• •TZ.U ∓ U † `wY..t T- U vc ~ž.Y Tv iU VŽ/ን"TN/%"L Y » "ŠYUv]•..̂.`T€.†.xU[VTX-• ZVV [ii [v] VV•(1)" %" g c%.."Th i• U f OX i U Žt ŝ.c.[T i • U » T g \ W \ S \ T.LY + r • Z .T.i T K \ -Y."Tg \ e • i. •TY." T • Lw. S U % î.. T ZUw•^L‰ % " pfn Y " U† y g k \*Ž I L" " i Y .". I TZ .T Tj kq [x . W • " [ i "h »%Š% "Y"W I UHŠŽ`}... PT... k T Š~U r \*\* L Y Š ,% ^• Z[T i j K% f. i flL k • Š »‡.‡ivTŠY Ž `%» Ž ^ [" [ .Z TU | T jfgtžį XTi i " Z ^ U. " Tć.‡..•Z UT T 1/2 L. T g » • % " W i g \*J \* x.% J \*T[Mc Y ^ " | Y " g€ ∔ T g ~ "¿ ^ x €. i s " ~ \ c \\% ; " ~ ¿»,‰;de]^UŠi•WŽf;ëe"‡p•U^-....€D) T••h.•ृ7'...∨U-‱;[vZ†[i\W\W/ZVi೬|L ofn ‰ ï W ["[[.:... • Y—"T.. œi Ž Ų It û T.Ž 升~ [‰ •' T c Z l i g Y " Š 赵 il Š Ž D^ '† wŸY"ipZWUI.UTIqq™UbliMM‡ŽTŠTÜ"Šsa]"LiUq"xsWY.†TwV† {U^WifJ• '» † w ≱ Ž l ⊈ŠULމW ^ \* [".s W rZ.UT, (feel) k ^ † î W Tq x W'.g.[Tމ" c . i • U t ˆf.‡ \[ \frac{1}{2} \]. WZ \[ \bar{\text{S}} \] ". UT• i, "\[ \bar{\text{C}} \] [. [c [U ^\frac{1}{2}, \text{X} i U \[ \bar{\text{Z}} \]^2 \dots T

 $\mathbf{.} \in \mathbb{W} \,\, \mathbf{V} \,\, \mathbf{f} \,\, \mathbf{.} \hat{\mathbf{.}} \,\, \mathbf{T} \,\, \mathbf{.} \sim \mathbb{Z} \,\, \mathbf{f} \,\, [\, (\!\!\! i^1\!\!\! ) \!\!\! \mathsf{V} \,\, \mathbf{W} \,\, \mathbf{J} \,\, \mathbf$ 

Y » .... \*U-& i U » Ž Ü.W T i to wi T Š ‱ OT ÆOS " Ši•• ZUtxī i;U W, ...q L • • » •¿ • , c‰.¿T, ċ L" ~X i U Ž• [.1.ˆt͡g.i • k̂ U "i, "f -ž Z + [bi bi• VVU ˆ,, ∀ x [ ... T (range of constanty i Ti, [I → ḡ î + I U W Th • • U #[g Zw TU b .Ž [ î Y Ui, ĝ ¿» Ё it с > g • • g с р • Ľ ... YQ S• lɡ́ n.j. • ПU ` Ų ~ g\s̃ w ~ h . . У Т i s r > YТх ~ W s • Υ, "Υ-+] ODE ^-•if U 'VV " i}`-[• ^" ~; p T • [g^".g;J^.xπ".] TVOH [.l.T Ugš"] LT g "» •. - . . U " I %" TS ii @Esb ≁ ["i • U î . T. gTV—TTī s r% LZ T i S% L §T .i. ?} ⊌ i\W T "» ~X g U ƒ» ບ ງຮັ⊶ຟ ^ž, " | WU Ši ] " Y † ^bUM) ƒ%[sŁW rZ.UT, iucj Š [Ÿ•a œ p ™ T i»"{‡» މ•» p•ck•ĉ."ž ℤ••k.•.ŠT~.•Y W I U"ŠZ IJ."Ti cY., †Z•U."Ti c ... T s U n » § ». VV ў U »•] s...". Т.Т.• ‡ Ž , •Ті "g Щ Ž% МОХ•і U ] [• lx "Ті ‡ Ž ў " " г Т і ITj» ` %- # Φ » ^ x † . w t c t U ^ ž, q x w δ î ] " ½ ^ x I.T. j T d x W ] Mt ["[r ~" • x [ ... T i » WI"ULsf•gŢ[⊌•i"‰î] " U Ž ť † W•ci"W Ҳ" ^ Z [[ ơ o • c • ^ U.•Tg"\*ҳ"... T i » t ŠY. »TŽ ‰ »i ~ — hTf II h ② Wh % i ] " U Ž c " cfpM[ [ "₩U • g g • 6 O • • » c iŠU » "(Empotional attitud)e " • s U «U.`. [T~T+ ` [X[ j i 🛭 Wi "%— Y " [ T h ... T "wisUn\box\diztimation tize to \$500 United to \$600 to s U n »‡ŠJ†»•• [.L T‰tTc œCTPŠ U "; Lt "Uc s WorUŠT Lž V • '‰vî" | p  $.^{(1)}$  T i  $^{\circ}$  [ $\mathbb{U}$   $^{\circ}$  r  $^{\bullet}$   $\mathbb{V}$  x [ $\mathbb{C}$ E. $\mathbb{T}$  $^{\bullet}$  f  $^{\circ}$  $\mathbb{T}$   $^{\circ}$  U  $_{\circ}$  [ $\dots$  T

<sup>(</sup>Journal of Neurology, Neurosurgery & V x [ I.U  $\S$  ]  $\$  I V..Ti s"r: $\$  " ~  $\$   $\$   $\$   $\$   $\$   $\$   $\$  T. ig( $\$  1) Psychiatry) P. 23. vol, 9 (1946) and PiEotror, Air Ministry, A. P. 3139 A (1948). See, Also Bartlett: Fatigne Following thilly skilled work, Proceeding of the Royal Society B, vol, 131 (1943) P. 247.

## ‡Sj^Žekfš, I †¾ (RÖ)

i • » Љ » Œ "Ų∱V[W • WWY, ^ "¿• › g [ I › i T "• • [ ~ Y T W "Z `Ų I T IZgІU.,,

‡ U Ž '» Ľ V O W I ك V Š Š, Î Ł U `YŠ W X ¿p S. U Ђ E x Ł UT Š J. Ž T W. 'Ų x Y T " i Ś †. w T

" [ • U ^ Ž Î • [ ^ o. f ਜ ... % J € )" , c Q E .. '• † w, • , U . Š T Š U . "i î " ⊙ . Y . " I t Š . O Ð [ g I L

. " † " n » €. s. Š ĝ w. T V • I c Y " † ¿ x S. U Ţ ˆ c · W ▼ I .. g T U [ ½ ~ .. ‡ ▼ , ›" I U " ‰ . ̂. T

Y » ... " M ② , " .. ‰ T W Ø c ... a ⊙ T i € [ s . ‰ T w • U Š W • i o " .. ~ ‡ g f [ • I \* •

' » † 'w » Š W • W. i T » i " . W T ‰ [ " ž V J • " T o s Š i , V J Š i ", [ h. ‡ Y Ž ` • " {". M T s f ... T •

V " s [ I i ˆ , W Š Ž [ W Y T • " ‡ [ Ž J U † M U Û . • U Ž Y ; c" i Š • † " n ^ x .. " M v § › g [ I › T

. ‰ U I • Š g T V ., Ţ U n ; ˆ c Y . " T † Y ¾ W ." Y ` I [ T . i ½ M I . ¿ T Ž ‰ L

 $Y \ \ \, ^{\circ} U \ \ \, ^{\circ} Q \ \ \, ^{\circ} \ \, ^{\circ} U . \ \ \, ^{\circ} X \ \, ^{\circ} Y \$ 

<sup>‡•(</sup>i Ï × Ï)Î Archives of Psychology The Psychology of Efficiency "~i`•i. »•(¹) . Y ~• .f.  $\mbox{M}$  ĵ. U.  $\mbox{M}$  ĵ. U.  $\mbox{M}$  j. U.

%% » "Û"» ^^h.U I »Š x Tr.h′ ₹ vţ • ,Ů r i % .O% • S sUf ŠX Š VOZī i Ž TTL h O '» † W ;Š€J]"Wg BY"" †Y w. LMcl‰VLiU` \%..ĝ Tg W B`r. • Lg , i-U p W [€>†Uk V[V' ‡ » t v@Ew U †\/"U\LŽ•" ,†.\\"L.‡ "Tt Š\([ g. D\T\\"\O S\ U pvf" ^ OE "\\* ` [ [\\*\ I U ` • ... T "» ¬¡U» U ^ 1/8% ¡U I'ЬT'UTp W [%]» ½Tf .v.îta c œ % 5 ± Ž ′% .î. ¾² (g n du ¾ , M [ ... T U » Ž'†icU IU ^ VX jg~, Yx † "on • c • ^ Z r.i w T h Ø ¥ ` " i Zj [T.•.sT‰. YTw • ^ ` ^ U^WUipW Morlf w, g4 U S)" My IU ŠÈgec È; , "~U Ž x Y W I Us ŠŠv. .....TT % "»%₩Įį » ₩ ¥ " w • » r • » t.ŠTY.ŽT% f ...-h ¥ c " c γ W UU "[ U¬SŠŽ t '»..¿Ф"о•с•^‰off•Un•ĝ+WV.Ti"Off"Š...'†hwgj",sŠÛ.ކfo"•†cו[^...T OE ๒%s » ‡ { i :..† Twn U MV { î€ " i sOÆV"Z..".sO@vYÊdL") ^ X† i[U€n"O % W ... MØH † t; ... 'i•xn» Œ..T. )"g-[OETŠ%MUUD;;" iL•g'LZW Yk c." ^ (†h[‰.YET)%Šolci VyŠUL^W i '...OĐ VV''Š( [K^i • V) W iVrir" h @ • "U" VV% w K) i "Y..VVT x\.g c ~ " • c ...† Tw Y » " †Z, ₮ i.UT»•Žg^». ੯® ~; U » ƒ:....hTž Џ~Ž " ‡ fZTUg,, i.cZ.UTI ₺ l € ™ ₲ "» [ .¿. »Tˆ T % x ĝ. g Tw. .Œ W 'Š (ZˆU • •g-e 'I ~ ‰ • g '• " • ˆ ‰ • ∰ nŧellectua) "[..l.UT^†\x\U.[\%a:î."],XgU'Žin"On ŠòUL rÜLŠŠU.•,YO. MOE †U†Ž."g† √wx " .("w T)g<sup>(3)</sup>W€Tobe T".†.,Tvs.U nT"Š-'.i.•Tx n ob‱.x TOE.W/Tx.†.•"Tg .g.ŽUnW/

Psychology of Invention in the Mathematicaeld (1945).

Productive Thinking (1945) "  $\sim$ i ^ " [  $\downarrow$ i  $\sharp$ (<sup>2</sup>)

## Wnš(dÎf)R

- Y " p UZł Š.U∏,..\.•Tc W‰.YT† "¥\$ | ‡ p .T.hT•~U Š r i x [ | T | X i WYł † ".ƒ.І | U.ŽTW/[""[ ..€ Ts .‡ U W/["•• U ŽYŠ,,"iW/n ^ ... T . Y " g i • ... T
- Y » " % W » ~ z, " s i nk., 对 Š ¿ x. Z . U T p ф y f W Z p g • Ñ % W Š c » g L• » c W . ». r T• ~ Z x » r ‡ † x M ". i.t TŠ T. i. n ™ T Y s " X W p; ] ~ Ū Š X g X Ug x g . U T M % W , # [ % ② \* W U ` [ I > T i » W [ f \* ^ . . . Y T » ^ " t \* w » ② E W \* \* , c \* [ h . . . . s T W T ‡ † . x L T † i.t Š . [ ¿ ^ x ] ^ . . . T

- ViU»; `•[L‡r[<h••U îġ],,[‰T•‡¢,xu[TIL•cŠx WZ]cW• Ô
  f » ... žh‰" [†p‰"•[Š;‰"UĮ Þ;‰"\*[yv .:...T;‰T•ÜcŽi."w¬fg "
  \_•UŠ,, Whru Ž; "æFviU U "Š Øð y\* ∯,, € ≈ € ~ TI•Ų [.[ TW T
  "iUp» W Øi,, T-U P\*WŠ ð e. \*W•... XU W:f~Tv. "Tir U Žt."....
  . ViU`{h.•, T-† wYIIN^... T
- ŽY"Š Ø TŠ ™ŽO".ŽVŠUTI¶""†TWZ"i`VLiU`Ų Š rixqį ┡ ▼ Õ . g,x^s.". TVVU.Ž "Tw • Š W

## ‰ Ö İ kx...

QÉc"ËSÈ·ÈÊkÀ-? ½¸£

#### 1° ¤ . %\$? @ (»Úc . ?

## e'ŒÎY

## w SftRe egeth N

<sup>.</sup> Œ • S ੯WV•p• ‡ U. ŽT‰." 룍,,i[g "X U "‡c†‰ Ѿ i ⊱U " " • ...(┛)i • " Š ... Т

IUr» wY—"Wpbyx.". φ\$Tfg..., wTž ‰ • [`Šj•i, hÜ ĉe rebrum e ^ ...."Tc•..% JTSU"... T ... Z U ~ UY p̂.U tu.bV.T.; TU W, [I > T

<sup>‡&</sup>quot;,¿pŦ‰ T i žfY"...ΨU"^``•™i下Š\W.ŽT;‰ ž e ^‡.g TŪ, [l Ŧre Šò ‰ Uf 'U/NŠ'•(¹) (Ï×Ò) Õ" W p xj U.Ž" † î.U ¿[ x."压T" • ... • "OE•s.† ē[^•.Y Š U ; î‱ • [ ` Š ġn, wh ... T . Ó-Đ Ñ Î ゐ

‡ t xở U•,ở ^ ... UOŽ , \* ‡‡ , c [/[" g \*ULX ".• TK ig .i.", TE.Y T' f ^X .i. , TU .• TÞ Š • : f ..g l'i NJ " ^> † ,f. • \pm 1 ~U Ž ^ , c [

<sup>&</sup>quot;f^..XT"},p Š Y ...'T.j YO' W st WU Ž T° ⊷i s r Z → U で • i "I HU W ‰ 世 欢 c O E Š (¹)
q x W ~‰ 世,欢 c O E Š (¹)
q x W ~‰ 世,欢 c O E Š (¹)
. Y n • ð f ^ i d J.;• ё → s + † T Z → U c ... T

k c Y, s ŠV1.[.ŠU'ÆLSŽ •npY•'WcX.i WY †5. \*LeY " • pY• p Umodality : Y " w •YŠ...[Û]Tc ... . Y Š " x ^

(ÎĐ¾)|

.(subcortica) Y " S ₺‰o(¹t) ... T

U ŠŢħ₱₩ ←.. XTgʻr† v‡ SbU' € pj " " ~ [Lʻ † wġ Ū' • {V † "}.œŦ WŽ ~i p W ... T Z » • ‰ ſ g c " h ... UY," ... ωT• pp ,•. †UT. TUi[" %gЩ Š ǧž } •U s ĩ f. J. "干‰ U I Š ™ T ¿ U‰"‱ " ‡"g Ų[^† wh U ЇWS•T‡gU:[^.Tk.•T...T ⑨ N "e ^ ... ~T W UYÞ`š"i[fૐ ... (¹) Y " S ŒŽ †Š‰i. ÜTI"Š~₹М†₩W i p ₩ • ... tЪ ... сПЈуŠU ^‡g g.%, ГО

 $<sup>\</sup>begin{array}{l} X \text{ h } [ \text{ UUI } \not \underline{\textbf{Z}} \text{ VUT} \textbf{P} . \text{Y TW } \text{"Z } \textbf{U} \textbf{I.T Tg.MOTp } \text{VS.U Ti } \textbf{P.S.} [\text{TW} \mathring{\textbf{S}} \bullet \textbf{U} \text{ i} \mathring{\textbf{S}} . \textbf{I.} \textbf{T} + \mathring{\textbf{X}} \, \mathring{\textbf{r}} \bullet .v. \textbf{Ti} \, \mathring{\textbf{r}} ) \\ \text{`` } [ ... \textbf{Y} \textbf{T}, \text{"} \, \mathring{\textbf{S}} \textbf{Z} \text{"Ut} \textbf{I}, \textbf{T.} \mathring{\textbf{i}} \, \textbf{J} ... \textbf{DE} \textbf{U} \, \mathring{\textbf{S}} \, \textbf{T} \dagger \, \mathring{\textbf{W}} \text{c...} \textbf{P} ... \textbf{F} , \bullet \mathring{\textbf{Z}} \, \mathring{\textbf{L}} \, \mathring{\textbf{I}} \, \mathring{\textbf{S}} \bullet \, \mathring{\textbf{U}} \, \mathring{\textbf{S}} \, \mathring{\textbf{S}} \, \mathring{\textbf{M}} \, \mathring$ 

<sup>(</sup>²) E. d. Adrian; The Physical Back ground of Perception (1947 p.p. 31-62.)
• r w ' L b s I ' † w€ † s(" • , i ) t • †q."., Š W IbІ s pPeripheral Y " c s • LY T s " (c²) ` ... T
•• U • L" "• n ".f T. i.•Tc ^ ".~TU ^ † wˈj " i ^ Y t •¿.g‰ ""c~ž Œ †"~‡ I ` .b. sT I ' † w L
. ⟨• c ⑤ [ ^

#### ‡R•'@\$\$\$OEYe\$\f\RS(\$)H

<sup>.</sup> CE [ U 'l † n̂ wk. $\P$ Tj `% \* W. \$ TV T'i•[: .Z  $\mbox{U}$  " Š•, $\mbox{$J\!\!Z$}$  U. "(^1.). • T

Ij`'—k".O種 変 Y • U‡[†"x-{XTg c GE,[ • " g •Ni 'M •‰ gL,T[ % 透見 Š \* • • g "
I T j » シ レ≥ " ^‰ 起; •丁 為‰ ‰ I a Ľ W x 集 W 申 TŠh".•~TV p UM ... Y 'gGE 資 î • Š ^
g » " gXci[» ,Y~W U‰ pW の N U c ZVr LL ^ [ • ‡ † xY[ • ... fT j XOi g Y .S 干 W ... e T
‰ » "①"» 芝 g \* NŠ IU ^ C,E [ U ` % [ きろん] , ... X g " Yg W i e ♡V.".~TV • " t \* r. • T
. ‰ U I ŠJ™ 打 し... " T g \* ] † :1.~Te ^ Z UT W i W p ‡ D w " ] ; " g‰ [• GE,W" W s [

Y » ` "VĮ Š s x‰. "T • U ‡ †. ¼ [Tp Ü • g °‰ Ш r % L" % ½" † n u U s [gl • T • . . ; ^ x Y. \VT • \U p, \VV]; •s \Us \W\ [] \*Tř Š Y" \V ° U p ™

'...vo [ ig" + j`Y ...% 以Š 如 ^•Vx Y~s UM \$M •Y. 可UT ^iWMŠ-x‰ cTŠh P ~ '† wU Ž 'Š W | [‰."T‡"† x/[w.iT~Z T i "以M‰[.• CE M/"以 c‰.Y. \$U~D.Î T

<sup>(1)</sup> K. S. Lashley: Brain Machanisms and dligence (1929).

 $f \dots \& 1 \% \bullet , \quad \begin{picture}(10,0) \put(0,0) \put(0,0$ 

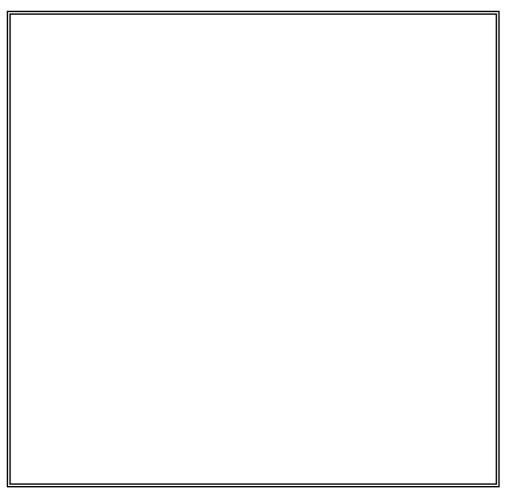
<sup>(1)</sup> James: Principles of Psychology890) vol, 1, pp. 104-27.

J. of. Comp Neur. Vol 54."% T i \* vt. fTx [¿.›.gT[•] \* Fe ^ .i."T gi [U'] iJ' U} ^. i. %(²)

. Õ Ïo v ` i ^ k.• Tš t Š žT ¿ › g [Y › t F i † U ¿ Û Û ^ x [U] ; ŽZ 15 Th W (10932) P. 45.

<sup>.</sup> Ô Ò Đ ⓓ 〈i " ի ... Ư‰.•.[\\dagger \U\dagger \frac{1}{2} \text{\$\text{Wi \$\dagger \text{\$\t

## • g I U'fdR GRS (aN) f R



(úýÞÜ.

'|(‡•Y‡/6924)€ˆc†,gflSUІ',bUBSYef/6824‡,Sj^`+—WR^SW~,fUWS'€QfSRqa,\$,ftRfR . 'vp•†gf'Red%YrfR

. "Ic..j., Ti ^ .‡ Π U‡ W .b. STI ‰ ĝ i T k .U. Π c ‡ MgTf 'n .I. UT c Hj `.. } T x " •

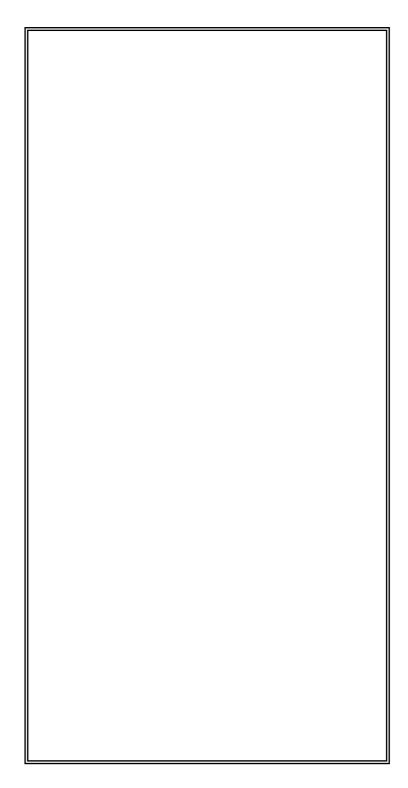
v , ξ U ÇIŠ" .(VÏ ŠŠ Įm• i t Š Ts W ... \$ J W — € Tn } . ‡ T Y " i T g • p • T ". ¬ v , \* • •

\ g c Ü ^ g. Ї w `• .‰ Tō U f I j ` U Ž x r Y ↑ p • YŠ ↑ ℤ T i " V [W Y V, V s Š ħ. \* .~ T

" » ~ V » " i { " S U κ ⊌ I c‰ ν q" i ^ . z † ž V C E W V Š U p e Y T" S N c N \* W L D T

. Ï Òm ‰ Y ... • ŽU Ž V Ž Ž ,~ ‡ " ì ` .b. STI ". I c .. ¿ T ] ^ Y ↑ U X s .f. .T O E I • V Š V Ď T

<sup>%</sup>Ы І Š"šf ... .!. UT c "†~... "T, • c ... "Š • g ↓ " ]".: [7‰. TT • UŠ ˆxǯMJ.", ~' i g .... • O № † " • (Š) W g † " • (Š) W J " • (Š) W g † " • (Š) W J " • (Š) W



ò Û ® ℷめいwいん ì ( v þ Þ Ü ·

• "u‡†• e US Y‡, e UG/RBB2/[†\Y/f\RV'oh†,  $\[ \] \[\] \[\]$ 

## 'd † /GRS &?,,Vf/ \$qJ/W/†•/f\$R\$)

<sup>(</sup>¹) W. Penfield and T. C. Erickson: Epilsy and cerebral Lealisation (1941). Pp. 125-34.

i • p [ ...; T' • [ i.,,hT[•. f. T • g ™ sTU α ™ • JŠ, OE [ & [ g Š \* Uawæ s pcognition Y ~ i ½ ) ... T
. ; › g [ I ›‡T, • ... T •

k`Š...‰"••" •ž•‡ " "'₩•...•i‡ ".ŠƯ x [.ŠY "..̂.†Ūk [.|."Tp-Lg W hy•• p \\ • Љg(°)Š
o "Š Ug]†..` Y .p. U f•† "^U [i i cg •Selected paper % " g "†~Ï x Ñ ÜE W tLŠ[T‰•I " U`
. Õ-ÓÒ Ï

'...YOx `og • g o'.,.." og " g o'x[g.Y'T † Xxig.,‡Tg.%vaT ‰ T‡ Ž%vaL" hr.i.î T..YΠ Tig
\Uc Wq × -Vov S Ju Ų Š " O ‰ •m • U Š eŠ îl.‰ TY Š "€xs ̂ U "Š q̂ i ^ ...• TEY W Up ™ T
g » "gYc.[. MY » Û Yx.....Nul Ž [. ♠ Übex Na‰ î U " hX i.,,πT• M |.† JT. ▼ T e " "... ▼ T r • ^ ... T

Proc. Of Royal Soc. B. vol, 132‰ U I"Š~™pTW I.IJ Tc‡†".ť.ŠŢ[... • g i ¥ {..i UŠ(¹) (1945) p. 348.

(1) Y " "i & L.WT & ... \*\*JUTLG= f n .... T; O' Worl ž i ^ —Q Tg U "W UW U " V/ gML F ds ... ŠTW X i » "} .p. ŠT" ~ " Ž W l` U. c % ... T. Tg • Tg d ĵ; ` n Y[ WOU. pvO i ([motor aphasi]a ... (2) % " i l ö U. fTn — " T " — " T · ... T

 $\begin{array}{l} U \ \check{Z} \ r \ "OEW't \ UU \bullet \hat{\ }.SSTIT" \ "IT \ S \ r \ "W \ V \ i \ r \dots T In \ VZ \ UWp \hat{\ }q.".iT \dots T \bullet \\ \bullet \ i \ " \hat{\ }s \ c \ \check{S} \ g" \ " \bullet \ V" \ \check{S}^* \ XU \ \check{Z} \ ".Z.U \ f \ [UT \ WW \ V \ S \ U, \bullet \hat{\ }n."\ Z \ Tq \ x \ W \ W \\ i \ "] \ \downarrow ce \ \downarrow .\check{Z}' \ "A(defec) \ o \ , \ \check{S} \ ... \ UT\check{Z}\bullet \check{S}.x \ "Y \ \check{S} \ Ub \ sW' \ pX' \ g" \ g \ n \ U.cT. \ "Tg \ c \ ... \ T \\ \ ' h \ Z e.".p \bullet [U \% " (word deafens) s \ Z \ U \ " \# , \ pg \ T coe x \ z \ TUW \ WZ \ k \bullet U\% \ "." \ MW \ [ \dots \ T \ ... \ U \ " \ " \bullet \ ... \ \bullet \ U \ " \ " \& w \ \bullet \ \check{S}U[\bullet i.\bullet. \ TY \ tl \bullet W \ c \ ... \ T \end{array}$ 

¿Up»[YT†c.TTvŠ^%2±€c%.fTn'†v‡•½‡Žr"xwVgUTi"]"•
.¿n•Y..̂•T[bTgf†.%h€g¿L"†¢[WV,†..•¿U,%bîč\*YlWvc..."Ы[c[fkUŠ...UW
¿»x•g.» Խ[W]†c.œTff/,cY.xTW%sLUMW W."T", %'L|WZŠ•"•k•Ťš~•
"»~Tg^`ig/⊌•ŠsŠ\*↑‡...ŽT∓o,Š%•T‡"]%.ŶWUvp•™TW;,T]gU^[wT
Z›U»%a»Y»..¿"J\*eUĝċ...UQWsoWWUM[,T.i,Tv•",Ti•Y.I.WZò..Utc
o»•.%hT^"»•†fj.»T.Y.WUZ⊅†™THUOpUfi]%MT[iUMŽŽŠUPWI"W,c...T
'••n»‡.œT"V.Up%‰•YgW ⊌L[X,I.TT,~¿.æ[ʃfT..\rg,cU^Wf\*{gp...T
'\*•\*n»‡.œT"V.Up%‰•YgW ⊌L[X,I.TT,~¿.æ[ʃfT..\rg,cU^Wf\*{gp...T
'\*\*†W\*\*\*\*•PL.WTTi\$"rŠp"[~V{i"%;‡•"‡....TU-k"..OEŠ^••I•I'MW
•g»X.i»"UĮŽ[Z,Š-U[,..žqxWT•`...UOŽrX;W•piĵ.,..Tīi^f.‡%kUIL

Y", i d'.I.WT 6‰.UTW ● ŠY"S Ø bl † W.UMD † \$Y"" • |}†S.U T • ~.; The papthrasia Y I W(¹; ... T . ‡ ceT‡.Ž ‡ wX i g‡.g."wF • Y" I cY. I.W7 ož.‡.o Ette, T.g ff | h v7X i g‡.g. "wF •

 $<sup>\</sup>begin{array}{l} X \ i \ _{n} \$ 

<sup>(</sup>³)H. Head: Aphasia and Kindred DisordersSpfeech (1926).

Journal of Neurology, vol,ž } S TahT, i.‰W W "U力 i gU ^Y, I W:ci ‡...'T) Y ...i UŠ(⁴T)

10 (1947) P. 188.

Y»•"‰•dţi[•Š‱ L•, x‰.%J⊉ i~n wrl U ‰.i, T.U ŠV JLLp w"—‰"" S—UTp f . U "òYVkIVЉ WJŽrX ∜Vp•YŠ"f. ZZTJT Љ ĝ.g ƊT vg ^[X [† †g.", 从X,[ |....TU W

 $\label{eq:continuity} $$i \ " \ \$ 

Y W UspWP[W~.TT{ • W x [...;Tde [ZT U cg c L; " • ` Š;J. jL • % • I i [ U W .. i t J Š(1)]

Brain, vol, (1945), 86 P. 188Y † "g c TV • Š t L " Y " f ^
k • ^ ce ] • W Z x k• ^ Tce ] Y., \$ \$ L 's I • ... Y T { U Yg s. \$ F • ... "T S " W U. ~ T L L T ... (2) T

." e ^ .l. T J "} L [ f % " "W C \$ ... "h^, l. k • ^ ce-] " TV •

‡"tЉ•".MO" \$LL\$TPV`xOE.` \$P\$ w}ix"U‰ "YWV ce\xc.W.T.%@•汀,[ŠŠ‡~ "» → iŠ IU ^QE ƒ → " n ^‰.%TW ^ž, Œ € † Ŵ î i x Œk."..t.•".I.U ", ြ%@." ¶ î ... T ‡ » I 凶 匆OE w ~ U 賌 i ~ • Y " I U 巫— iTgf, t.% J ž i ] ,• LLX g cXTi g/m 社 と 以 þ ~ Ti ] M¿»»[ WZt ≥.UTc~i ] MI[Ư "‱ʿЦ+Tሎ€ ~ TQ•i"^ Ӻ "‰ Ӻ ~v ĥ • " " h s.UTh Š ... T Y» "c% JŠ\_\_\_\_\_\_\_ ŠT-\$"‡ LY "S YJ •c"† ‡ † JFW in [Š∈\_\_\_\_\_ \* x.[..TOhv•\_` i "; Ž ∓ i "s f f » "O":..... g% "v"\b" s [IŠUŠ Š • CU ppif][" — Z TU "Љ "ĝ.g f\b T i f% Ow i f — T % » I^" n » W/Š ½ ] ½ gYc". W TY ¾ c.TTZ`U." Ţ\_ S 126 TE; T NT Ih.'ŽST.UVŽTŠ ` W € S UUŠŽZ" † "ZL U 160 WU W 160 + UNTIL i". 10 E ~ # opv, 160 ŠL" S [ by Š h . k UT I — T % U'[,.....•T• Ÿ e ^Z.UT T;i tU p SZI x TU °c~\ g c \*U ^ž, Y "WUsWel^-.....TX i " W " ¿» " ğlZ > U‰.ĝ. gTowU fŒ ` kWg. € " • 'gŠ U b • cŠ-Z c [q " i ^ . U Žv"r-• " %il, h » % ŠU » ŠV" † w"(•U » ; ŠUU» "^c• •) ± ‰ " " Ž%W' `p. g. ♂Y\T" † ໂ ⊌ ŠI ŽL" ~ U » ^½ "." Ž%W"`p.% "IL†TwZ .. žgU "Zţ W Š.Tr•†" wZ ".i TL[ ..Y T W "Z `U I.T Tg ... T Y » .... \*U~c"] Mf[..k MTŠU ^ Ž‱"] cqUk WW/.•.htg •. •" " h f. • T† I".~i T W{:,,r ~ ‡ S"Tfg iv"" |'[Lg " gTc [ġ" l x ‰ ‰ Ш ŠŽ t. [Z h L£‡ U ‱ Ӈ T-,ν ĥ • (²) ‰ U l Š ™ T T gY`, SYU. nf WUcŠ Y \*' c TYi " † % x UW 'Š~™ "TŽ VV •` p.• .T.Y T..gTx;‡XV.. Uj xg ĉ.î. T % I » c { p.TT• {% " " Ž%W' `p.% T; Ţ".+ "‡.` æ \ .+ ]Kw ¿ , " U U Ž;""~j YL " + ^ w ! Y " i " I » Yk î.g Tr ~ X Tgl Û r ∮ ..." hU ^ŸVY " • Xl U."Tc.g ④ T‱d\_" i ^ ... uTU s [ I T •

Brain, vol, 69 . Y † "Z U W เ%pwr T ເມຣັ I <del>: ""Š</del>TŪ Ž [ .‰ ເຟ - ໃ Ղ (1946) p. 280.

<sup>(</sup>²) R. M. Brickner: The Intellectual winction of the Frontal Lobes (1936) G. Rylander: Personality Changes aftererations on the Frontal Lobes (1936).

Arch. Neur & "Y" Ž Wo'p. T.% TX i" WT, j `YL...gTxj\*Voš U I Š • T\*\* III.g ↑ " VŠ.WL •g(³)

€ W Ug p. T.% JUW Š ~ TV TŽTW • p. • "... % TW • Y ... W r t\* LŠPBy. Vol (44) 1940) P. 421

. ‡ UOE ` \*YWŽ Wo p. • ↑ TY... Š UYI • Š ∴Y.. T. • Uhcž n. ↑ U%ŠT .g ZījS ħ voQ 54 P. 10

## ...•^gf•Rv+fŒ

<sup>.</sup> b"ipt.• **†** ≀..j ÜiW**ΩĐWW** W ¿; 'jîi..i"TW(x)[... T

## Wnšd∯R

- » ^ Š WW€[]i•\$LW [ei ^ .‡.gT] Û , [ I T n % % % "% WWŠŠ .g. U c Ï
  T h % 'L . UOŠ ģW. Zh U " i lợ Š Tử. gỡg n UT" f \* ‡. I J . UT, n L
  " f ^ . I. UT c \ s. UTIf • V f Is . WTr . . . YO' c % J Šg N Ÿ " S h Š . . . T
  g » " Tợ þ f [ ' . . . Of L Y " c % J Šg N Ü ^ ž, g Tagij W " U ; s W r
  . U Ž M ŠS M € " H . . . T T
- Y » " "i cY.". П»•¢ S.UTt ២.Ž & WZ Š U["..Y Ț" i sU.Š ¶ • N ¿ » , % LS U ℤ [ Ž t.LY ¶ W " i [U.Š Ts. U ¶ Š V U I Š U V ♥ ♥ ...
  "~g " g & [g. € Ts U 'Š îvs , I [Y ^ U‡ w` .b. sTI Y p U fk.T. Tc ... T ... " f ^ .J.UT c † ... T

# a Û † Ö. 'Ì x ..

QÉc, ? ËSÈ·ÈÊk¬·? I¬À·? ½

# ÝŽÌÔ"ÇÕ®"ĐB,•(SÚ)

e'ŒÎ†Y

<sup>(1)</sup> Outline of Psychology (1931) P. 51-6, 114-18.

'» † 〒 » " i `"Ц ..Y Ţ" gYc".WT\i Ü [c.¼W┺+₩Tn Wp • T.hT•~ƒ" "...Og Š l Y" x » ፫•U c † s p ‹»h^»% TLŽ" g » ;WU•x • 遂 j›"T | X .i Ž 析 鬥•.... • "kl ⊌ .l.—Ŧ T . Y" • r xY.WTU % IX 可 gucTL•' 等 w, gŲ ŽQŠi QJ‰.t ¾T‰ W ` " 達 U 「YUk 'Š[ s p ^ : } p • ...\ Tc‰ Y ^ "T•‰ Ш "̂ WĮ i• Ţ" Š p [‰ ]尹T~v ĥ •

gi» •OE.»T^‡ xkhp".s UTn% % Y.†Tlhp" •UŠŽĮXŠ obMM/Wii}.i.xŢjST+|Ð...T ZU» ŠŢf•"†dl~gT[f.Š.OOE• w••LŠ• r x ..%JSV/", "†•..Y. • "T•N/J; ; ‡ ogg•N/J ŽŠO•

q x W ~ } Š —' iff Š ^V " p [Y W "Y w.I U € Ž ....r Ds x [•.lai T hunger: " S T • uŽ•.`..(1) T . ‰ " ` I " • → ŠTY..` "% ŠS \Lg,,ct \.lq T i ^ — T

UŠ g » iŽp`, Š l •; U x • XŠ j›"T | P/†".[.T ch T. • ŘĚe.".† 400; V/þ • T. hT • " Š ½ Š ... •
Ž Y " • r »ZxU." † Y & U.M \* "Ws ∮ • .† Tj.i. s T‡ t ŠU[Ž [W.Y Ţ" i s Y † LY wn • U† Š v î

% » € [ n ※ g % U Š % g U W T i "TW | ½ • L ^ • Z U " † f † † ↓ Ū . Ž TU-] [ . }. • Ti t † ... •
. ' • r x .. U Ž I U Ž L"... Y." j " i‰ .U T XŠ U % Æ t‰ "L] W c Ě Ž Y " Š ▼ • Ü c `[... T T

#### kqvfsR••^:f\R• Œ.l.f`R°ÏY

Y ... 'U~g ... [ W‰TOX • T i & ... i off " t Љ‰ • g‰ [•... t¹)•k • ^ œ ] • ""~Ž⁄ ,... Y T" W p w % " » "c ». → T » s ŠJ T» ^ ONELŠCž Y " " • .Z • D"" | 1-f w/U % J • g"UT, "g UY^" [• w .T. T X i T i ¾ c i ∰ " t ŠY[".•.lY.." T• ... ¥"†| " li.•Mī‡~iTcTPa b " i pf • † 1† w l U Š ^ ... T % Pž»% U I Ы Š .™M774, dL` I U ŠUW SSV j r " •Xxi [U I f h. ep F x "OŒiŠŽ t ž Œ ^ I ¿] UX`i[TiX`..igt" t ŠX[g.w & \$\tau\nu\left \Z'[.\text{SOBD}\y\nu\neqta\z'i, ... LiTc ... s iT• qix[... T i»],,}L",,[€.S.T"i-s<h.ŽY.†.]% b.^Š\$t,, c[(³)•U ^ Ui],,cZOŠ 以,OM•OE.MT.`UO. Y » " † #T" og t.ŠZT[U.» T"%ŠMAN/~ %% AŠUŠ x sU[î \7\V`LU WY/ US ŠŠVN/ce w UT/> [† s [ [ % Pž»I-U‡ lì. ‡.iTcT h‡P‰ î Y "` i UXfg.wTŲ IS U;ITF % ">cQ. ^ x'....T>[[ U » ^ % & \$ (†.w. • s Y.nT• g U'^. JYO W ŽUVM • [fc.vh; t [‡ g".~ITU ^Y..., T Y ... 'U-q .t." T • ... • "‰-j.T. •∏ i.s. [T • T i `' Q.TOI • g̀ xu" • ŠT. h‰ Û " " • ... • " I ~ Thke"...U; ŠT" xi\g in "‡~g ž[CE ["Wbt ss. ODE. S ^ž, Y WZ U Š ‡ w U ^.w.w. % » ô • U ŠU. î‡T. o‰ "UV, v" • s w[T ".[V... k b r • LU ˆ f, U Šo• O • " r i v g , ... T '» † ₩ t ~ U Yc † †'' l •• Ž n f. • ▼ li.U W%ωUŢ,"^ • T \$\frac{1}{2} \limin \cdot ŒŠ^๒[q̂'x WUŠr.[." I.•UŽ险Š"UcŽ."g罪[wx[[..Y W I (心) \*Š"".........•12WUL) \*p\*\*[î...T. T . Y " Y. †Ucfi ~ \ U% \* L i .T. FT •

j "Ti^‰.ĵgTg W Ž k → • œ ] .T.iTv , ([diencephalon)s "Š" W ...% TY , s Š • ^ œ ] • (¹') Ž ... T . Y ^ U Ž ... T

<sup>‡{</sup>i ::.; T+w 'j "i{c | YV | kJ ^(的) i | Y | T+f|eT g [i.T;O' ^Y.:" T+f|e | YV | kJ ^(的) i | Y "i nj\\$ T.i\T\*:LX`i ::. Žpn U.` ▼ gY,,^U\$^\Lge` • " OE%。^

<sup>.</sup> I U Š'W''.c. ‡T.gTŽY.p U=₩Y. "Tr "=—YT" ... •(∜) U [ " ^ ... T

<sup>.&</sup>quot; ¿ U x �Ś ''  $\P$ "..%" "II �ŠUk [VI]/ h':• $\P$  xg/V/• $U(^4)$ 

<sup>.</sup> Ô-ĐĐ Ó ൎ� € W W IU .[",T-,%,T• (Š)U "

<sup>¿^</sup>xX[g ၹႍ [U"] サป^ŽơL•IT j`‰ ¿x`'"h .s W T"i•[U.ŠTc%ಚ€ WU (̂,Y")..• ₺\T" Š(³,)^ ... T . Y † ^YU.w K "

<sup>.</sup> Ö Ï Ô Õo Surgical Aspects of the Hypothalamus (1933£) W 4∠Z[g‡ % it Š(⁴T)

f †% Y\_, "\•log c by\x\L\M ce % •• Š\_LUŠ, [ li T ]•,¿ g v r • ^ u • ` .V. \\ \ \ X g x% .• .\\T^ g\ \ \ x \ \ ([ u • `) . X TW f ... T ... T

g c' ...gO [ X "h\$ IJ.TT•"ct..%IS LU,". [%IJL..\Og cV.i U ` [ x.VII" n [ • g T • »% .X ii" Wwy • ^(`i^f VWU; Š •)[!•1" ci WMŠ-go. ;cTŠn(\*)POE [ Z Š) WW "" # vb/I" % (Q)• ,% LU Š x \$U[Î\\TM\\ W Y."U ∮ ... TOE W JJ.;TU-\$ T hU [ TOE Š Š ǧ Y•" S T h | ... T Y " i • i » wr TL•qŠx W‡• c n . Z T • g " • • WZ iUUŠ, "..[: •∏.¾W".g.iX-g• gZcÛ "ŽEn... Y», "is † withų [1%" T•%c.P. UT%.,,UT^ Žž`\"Šagoe^...Z10 +6 "%J`["•... T ZU`Zİ;"|Th TPs•W LUŽ.WTVŠİ;".ghtf,NYWİ•irg.TF(h.g)k`[ U r‰L,, ^. " • Ž n i. U T [ fj ¬TTi si " | [f ... ½ μ - U r i ™ Tc•Z → TU 'c~U ^ ž, ‡ l ` ... T . Y " i • i g T % of c ..% of S\u00f4, U.î. fTc.\Wn • • Xn g "€g S\u00f4T f ŝ \u00f4\u00f % • g†.vy Ž †Ų ŽƯ (√Š B. Comple) V "i Î V. ‰ " Î 16 [ĈĖ] 7% T i US Š .̂. T T T P ~ % î U [ k[U ", Š W ..... \T ] ™[iŠ I ...; \F WV. U \p"[[V. %\T i " \Z .U \Š \ [‡ \ib\V], \† ... q T i w‰ T • ġç •M., T i s h ŽTZVT• i g " • • WŠ Ü [#. • .cTr‰ XTi " W g UU, Ž S U , † [ X g x b c % » Y ^ • i c % .TT\$ 1 ... 1 Y ... T. > Vd/"U-[YT" .c%LTŠh Ž .†.] U ^ i"gU⊌ŽS%U¿, ♥ŲUŠIŽĮŠ œ(‡•"g•‰.‡.gTŒ."T•Ųcŝ"Wr'h..•.•T•it"...T . Y W I "U•Š " f...• TITI] i.s T ... UOŽ [ ^ `OE[ [• UOE U\$ @e-Y OW " ` w

<sup>.</sup> Ó-ÒĐÒ Ö i • "hĩg.pT. .‰**Ưઝੈ)**U "

<sup>.</sup> Ó Ôö Annual Rev. of Phys. Vol. 4 (1942) Y "`•...", I\*i, ['fl".i.\/T k (²)

"ŠUI»fŠ ササイl アシイ.» Š > @g.». ^ [>x‰ T • ġ & w Th f | [†T.Ih U." [ f‰ Lg W " • Z † " »gn Y " " • \$ U.î. Š ~ X Tf gY w • ^k " \ i • " U ‰ bL` T i‰. 沒Tx `Y n • g ^ ... T Y » ," i 以 W ^ • % e • " ௺ • † l‰.% T ↑ " y g 更 • " % 无. YTw • ^ • • ¿ 妆 ¿ W ^ • " ~ ... Y " " • ...} T gW → UT ● • [ [

UŠgi»pŽŠl•; Ux•XŠj›"T M\*†".[.TchT.•; NŠE.".† 400; V/p/• T.hT•~"Š %/sŠ...•
ŽY"•r»ZxU." †Y & U.M\*"Ws f•.†Tj.i.sT‡ t ŠU[Ž[WY, Ţ"i.sY† UY vn • U†Švî
% »€[n »Xîg% b Û Š%% yUW i "TW % «Lî•Z U" †fî† ↓↓ ŽTU-]\*[...}.•Tit†...•
. '•rx..UŽIU MŽL"..Y." j"i‰..UTXŠU%% t‰"L] WoŠŽY"Š∇•Ücì[...TT

#### kqvfsR•f:R/•CE.l.f'R(i)Y

j "Ti^‰.ĝTg W Ž'k→•œ].T.iTv, ([diencephalon)s "Š" W...%TY, s Še•^œ]• (ਐ)" Ž... T . Y^UŽ... T

<sup>.</sup> IUŠ'W''.c. ‡T.g\*TŽYNAp U=f .Y. "Tr "=—YT" ... •<sup>(2)</sup>W U [ " ^ ... T

Handbook of: ‰ • j " n ik V U [ "" m s x .u • T"•.‰Tw‰ • ŠVU "• ← i s IU î t Š L
Ô Ñ Đ Ò Ố ( Ï × Ŋ Ġeneral Experimental Psychology

\_ » Škv^ " » "Y » " i %Š »—wb r T • • U ^,, " , [ I " h ..'.LTi .T. ft žj î.i Ž n‰ • Š U ,, . (¹) ¿ U x \* ŠX iT" Ž n ... T

% » € » " i ‰ »  $\forall w$  » ] UUc  $\forall v$  Ž. ¿. p v " [ . Y  $\forall w$  " Z o e ". ` v e " ` v e " ` v e " . ` v e " . ` v e "

<sup>&</sup>quot; ¿ U x ��Š ì.T • \*%~T •\ŠUk [V](/ h":•Tg xg/V/•U<sup>(1)</sup>

<sup>¿^</sup>xX[g Œ [U"] サ\^ŽwL•lTj`%; x``"h .s W T"i•[U.ŠTc%id€ WU ("Y")..• ₺\T" Š<sup>(3)</sup>, ^ ... T . Y † ^YU.w K "

<sup>.</sup> Ö- Ï Ô Ø Hypothalamus( Ï × Ñ) ÖSurgical Aspects of the V U [ "Z g ‡‰i t Š<sup>4</sup>T . Ó Ð Đ Ò Ø i • " h ĩ g.pT".‰⊌ ∰WU "

% »% • »g "U ». "U" Ž †Y ", Mo MV, s.ŠT/U.p Tw/t s % ⊕ € • - †Tw/m T i Y • .... UTc
. Y » "j "Y^» , sUŠ » • › Y[¾ ^ " ZŠU[» " †† wg ^ [-x in s x ... W•, ` ... ▼, c ^ ... T
% U » ^ W Ž ... CT • T • ZsU ] Ug [x 1/4 T U W Š ""g Z Û .r Tw J Ž ... Tw U ~ . s i • ^ ... T

g c' ...gO [ X "" S tg hT] • "." cF. .% TS i.U., ". [% aTL .. YO] " cVci .U. Ttg .x .VIV" n [ • g T • »% X i T Wwy • ^ (`if WU Š F) L THM + U Š & ¢ ; TŠh (P GE [ Z Š) WU " | vb ) T % , 0 , % U Š x \$J[1\\ W Y."U.]..•."\\ DE W. U.; U-\$ \ T hU [OE \ B \ B \ C \ Y \ " S T h ] ... T % Y " i • i ru T •qŠxLW.‡• • c n Z.TTi •g • • WZ U Š.".[T.inMO g.iXF.g• gZcÜ " ŽEn.. ¿» x Y[, "i's w | T h \ [ \ " T • % & \ ... \ T \ " Š ga x \ e \ ... \ T \ \ Š " \ U [ " • ... T ž‡l`Z.UT Øic"|Ţh.1Ps•W bJ`Ž.WVIVŠ •U Ši^".ghUF,NYMVi•irg.TF<h.•T i » " " Ų r‰⊾" ̂ • Ž ni.U "[ ƒ ¬∏ si" | [f ... ŭ μ-U ri ™ TœZ > Ɗ "c~U ^ " ThPY»"→igT‰"c..%JS Wb,,Luc.VT...Yh•Ì Xngî"€gSwTfŝWx ‱j.TT•[...T % • g '>>...† WŽ †U ŽU (√Š. B. Complex) Y W "V '...."T V6 [ĉe ] % T i US Š ... i T % î U [ fx[U " i " Š W Y.) T™[iŠ I ...; T WV. U b"[tV. ‰TT i " Z .U Š " [⊅ WV, † ... qTiW%LT•gc•M.,TishŽTZVT•ig••WiŠU,[#.• &r%.XTi"Wg,UU,ŽSU, +[ X g » {U » % a.Y ^ • i c % .TT\$ } ... .. .. ( Y ... .. T ) W/ "U-{YT" .c%JT Šh Ž .† .] U ^ ^ i"gU ⊌ Ž ‰U¿, ┥ΨUŠŽĮĖ̇̃ ΦĘ́ ‡ •"g •‰.‡.gTŒ."┡ Ųcŝ"W r'h .•.•)Þ it " ... T Y » ^ "' **cg** » \\$\f\"` .‰¶‱ h †\" .‰TX U "gd"'•़† \\$\tau\_t [ '.c † ¿ S U‰•X i " \W",~ U " . Y W I 🖰 •Š ", [f...•.][TII] i.s T ... UOŽ [ ^ `OE[ [• UOEU\$ @= Y OW " ` w

<sup>.</sup> þ ÿ ů Vol 4. ( ú ý)ûAnnual Rev. of Phys'. Ž ô ß î Üßô® ~ " ó - ±  $^{(1)}$ 

‰» ~~~ n ftnî T • †ww/ " c% J \$Š • , Y[ W I [Z, ce." п • ([h.• गि U I [ ") W ŠWp — Т u • » r • ^"Ww U » ^ [" l • TŠ ‡ .... நி⊍ jw Ü Ž " c ‰ Щ ^ ž, Y " ¿ ŪT, ∮ †wwr i f LY " c U Š . V ce ‱ [ U ~

#### • e f R•••Y, jff®R

\$\text{\pi\_0^\*\overline

f•† I".~ዠ" \$ ፟፟፟ ፟፟ ይቸ W ຟຟຸ:፻፮ • .ƒ. बि† I"∱Š.ė.i• 'kŠJ.I"—ቸኤ T•¿Šປኦ",₩m [ " Ľ } (¹)

Jour Comp. Psych. Vol. 24 (1973) P. 393.M • †•..̂ — T

#### • h ' g **z f** "R, "' **f**U ' g *^%* **X**' **f**, **R**N**y f** R

P. 193 (1940) ibid. vol, 29‰ T ii"••,.h".T.• T j ʃ .•.†∏".~YT" S Ø ₺ †W.₺₰₱₺₸₦ [Ţ¹)W

"wg['I[.J.U" r‰aLU r žOU ^ r T.h."•∓Y "W "ġ • [Ž :\_...15 Ū.[.ŠZLŠ U "• ¿U xOE .W//36 • ;, ";†T]/ "CE " WW/n•[h Y ][ } pW [ % % " ; "Y " i s Z .U. W U ` [ I > T i » Ž t "‰ " ‡ ˆ cg • g"c~ ¿ f gl"" n ' L • • ¿ Ⅷ Žg[cT 뇀 ] Š • • T" h i .MT" ~. T f ...k h ...,  $\ddot{z}$  ...  $\dot{y}$   $\dot{y}$   $\dot{z}$   $\dot{y}$   $\dot{z}$   $\dot{y}$   $\dot{z}$   $\dot{y}$   $\dot{z}$   $\dot{y}$   $\dot{z}$   $\dot$ }•i » t .... » T ~ w g [ I \*» [ [. I. UT " r % — f L T. : † wg j CE Š • ^ ` ' h . • . L T i • i r ... % u ^ 'Ƞwr••mx‰Ţ"j•L•ThŒOlŌLŠr"gW[lk"i•Ši.".sT‰ŽLf.¿.Ыj•Žt...T • LU " TZJT. 引配 " n - CT F g i LZ "T†i WU ..r. "TOL C ..v T i [ I CEL Š " VOE Š W Y L O U " ... Uf [•, †.lj.₮.[ T[g •Y † " Ulmk • ŠT † w② Y " • UZ 'ŠVO‰, O‰•" • "Y[ Š. I' ஶ ".n Т— T f • † I »T. h^•T f [ I TU ^ Wsi Š cŒd M W Š Ž h)TOF i s ".ŠTT • @Ex• ₺ g)TW Ü Š c ... T % •i.".{ΤhžΦ.q."h, Іw •f†l\\\, • W\nc^-i σp.m Ti‰ \Y^i i c U Ž ty O` ^ U r»f"L.h",,o•.l.UTŠ"dW%LTZU^", L€†‡"ž.sŠdU.Š"tW.i—Tc—i gtp...T U » Ž WUi".s. ÆiT •‰ ž i • " s‰ ĵ T] • g i.T i •u.U70‰ % ` i Wj Š•[•i Ž t L . Y » Wi pi • U 龙 th t ; " r‰. YTo Ubf ce ~Y. ", i • c‰. ôTU fj T i sY..W Uʻ • [WTŠ O } ip » W/T i •Y..WTUk`•[Št͡ð] [ li[" p •€ Š W Ž‱.• [ i‰.ŶT Ŷg'\* [ c • Li " s' M ~ .(ÏÔm) b^ce " •.UJTW/n‰ witŠ...T

i T i » • L; TD [•,Lu.UT` i [ lYoe' i • i r Z.UTŽ W‰ŠL•̂ r .• W‰ "ZWU[• n [‹,hî•.• T . g • U r‰ U.ITŠ • WUT"U, " " • Y..î•UY[W." of þ U."Ti" •— ;TU' oM ZW " ž i • " s" ~. T " » ~g » ` •Ž[Y s †Ы [îLX g • gZdJ 9 " • U î'Š sO~v ` i € œ ś Q.• Ow ġ h ... T • U î, Y " • •ULŶ"", x • LY " i p€Voe s T™NT•w T ZVŠ UI, î W iU " r‰ v7' l •; U ` î ... (3) Y " Š T;• ÜÇ, r‰‡ T l g g "w~Z † †Uc• i ஜெ∐ J

<sup>.</sup> Z U Š T••LYc ...Y.-"Ti.nd/\S.U p fY. \\/\allangthropomorphism CE " \(\forall \forall \))n [ ... T

Psy. Rev. vol, 45 (1938) P. 45.j " i | .f. ¶↑ I"₩." i ¿[".‡ ॡ‰.wृТU", † n. ⟩ f(²)

Proc. Linnean, Soc, " ' j " i | ..f ▼ † I ".~ ▼ " I c .Y. "T, ¶ T iZj U™ Te & I.i. ▼ . Oi t Š(†)

Y " W " <u>i</u> • [U.ж".w]U• € ⇔ औ\ W]T • % ` i Wt Š [IL•ndon, vol, (154) (1943) P. 195.

Wilson Bulletin vol 60 (1648) b. 9." U Ž [ I ▼ î ġ œ.... T

#### (úÿÞÜ⋅

 $\lor$  » "^" » f » ...[HM [Z U W Uf †f[>]T"] [ I'[[ .I.UT" n  $\mp$ hTe $\bullet$  r  $\dagger$  IU  $\lor$  r.  $\bullet$  .T. T br•LU^ž,‡Upaf•.i.i▼"si.U†Ž%Q₽}‰^.•s,~YŠ"}\*ît "~¿₩}•it...T i"s ...dUT → ~YTMsTŠj•cXj"i^Z.U Woj UYŠ."U.xdONgc" ੴgiT 🗹•iWf....Lh g • g »i v W % v ig\_ » x O E V p f t W 1 ^ ' [M i T / v n g • x "Y p U C E. r i T L ~ % T • gg "x g .n T . . T 'h»[[/'^g\S''wg\V\\V\''[b]TW"h(.)LT"s.‰oL`[/+,,k/nŠ;t\v\OE[,sŠ^ YŽ"hŠŠ‰ Üh, (.M)TiSUgsr.lTguxT.•′TŠ ŁĽg Wž"Xg"qÜlc"~ViI..vŤ Y, s § [c// "ed+U x\s+.s/" "OE[ > U g•4.1 L' ...YOw bblî" | [i[S U \s x." TV s % Û w√T`•iŠILY"i, ‡V—X.TTM.•Z.UT"•fg•]†:1.-₹ h ŽY.†.]% LЇl, c [ þ•T i ~ ™ T . X • n » ♂ i.".| Tpg. • . fT ž.U⊌ i, UQEpZZVTn‰ • "U[• i c‰ Y W Y i→ U † ŵ U " n — T %Ls», U» Ї"[†cv[/"Xj"i|U†Š.‡"~%cq.Šg,[gx•Šîî"],\WsU;\Wij"i|...T o T • » f U. fT » i "VVL g, [VŠX g SY Ü • l r. xY.T. . TÜ þ[i V¾/∏ ' "h . '. • TŽ n k. U∏ →cTW Š %;|L• » ` Ž Y " " • † t Š Y.ŽT`‰ . GE | • Š x ..%JS OE,ÿ.~."ħ .}.•T• ^ ★\.j." ^ ... T . g S LODE x.r TU... XT VYgLU x~VVde { f T T Š Ugxc TI•".n. .Tk. •TŠ\... • ""

<sup>(1)</sup> Eliot Howard: Territory in Bird Life (1920) P. 169-87.

<sup>% № ] &</sup>quot; gXci., . ATi. • T] » • • CE . i. tUŠ, ‡T UOĒv ` XVŅ" i † ... ; Š i • I. T. i‰ № ; ŠŪ"; ŠĀ IS 1% № ... % " WW.. g V J V V ģĀc ce. ППТ i f ... IĀT., ŠBTull. Animax. Beh. No, 7 (1948)' j " i | ... f ▼ † I ... T Symposia. Soc. Exp!" Š T • f e ‡ .! "T.~ YT" ` • ... Z"U • "..... — ▼ T" { • † [ i U‰ • i W] Š [ • ... ... Y " i s f • .. † Tj i. s T; ce" p • [ ] "; be" † ② S ‰ x Boil No 4 (1950)

<sup>(2)</sup> K. Lorenz. "The Companion in the birds Worlduk, vol, 54 (1973) P. 245.

k U » Šg.» ŢŪx̂‡ t wYL" ^ ⊌ LŽU.Ž [ U -Xœ;,[VNYT'S: ZVTU VA‰†K,j[" i } .n.,,T[ U Š ] L . X g U w

¿"g»′x»[ †.城市 » Ư"» "柔⊌.Š T"⊷"f♂.†.IT.̂.ŠTo.⊘• ,‰lLi î †j U.U î W i • k^"» 10E \$\W \U"i,,^-...Tg = \div X i \VX f MU r [\v\^\Y" i s \div .W TU \s[\U\^\T& \W-U [[^ ... T  $\check{z}f$  »  $\ddagger$  » hT h [0c  $\check{z}$  Z T gl U xh; $\check{S}$ . eE $_{0}$   $\hat{i}$  " Vg,g ...kO| [j S T i%". QT, h  $\boxtimes$  i U  $\check{Z}$   $\hat{Y}$ % » " c% » " " • Y. ΕZ•WW † { + WT - T• Z T g Uhx•.] T•U Ž [Z Ut{W Z T g U‰ 1k.»...√T1U;Š\Ud; "cc" LY S "¿Wp. L€F~[⊌;•‡" [LLW LY [" + pZ-U TW U ` [ I → T % d\_i T bo • • Lg • • j ` Š% d\_ L g "W" " [f . • . †∏ Z . • TL LW ^ \text{\$\text{VY}} " j "Y {" † \text{\$\text{U}} \wg". [.. • . [T . U ` •¿.Ž ♦XLg "Ygċ № ng xnħWx :....T۞ U ᲓE "."Tʃ • † ॄ p T ⊌"Ü ;ŠMſ [j •" 's ... T } » • • ^ '.‡ \\$\overline{\pi} \sum\_\delta \delta sl• "~ ‡ fi "Y.." gì "^{X g "Z̄g w v U ç ^ w S U ‰.tLc T † i-f J T i Q E x ž-ġ " g` ... T ¿» p Tə t'i S U ‱tlc T g.† `¿..".jTL î f0E-f TY ~ 50Š~T • nTc îg‡† `U¿Žt'0E Š M W Li» Ы» ^}t,,";œ]^qiT•,".~"TIŠ`s.UTn% Ph-TŽY.‡.]ZUÜtc @ Ü " " thw... T Y » ...(U) @ "•» TV | [ " " % Lv ^ • ‡ ... • Lu T i p Y., UWWV | " U Š ; s V k [ W , • U » ^ X/Vgi U %% x2. X TYU "wj T Y s• p f/W. . žh z• ^ "#L[•lj. " i | . ¿ Tx ¿. x T/% vq f ^ [ " . U Ž\Š ĝ c v.STU hf ..; \M2" ' j " i | .I.TTgZ- jT • LZ g I ~ L

34 S v \$ " ™ R(O) |

Z > U » x ♥ Š → ^T% MM/n w‰ ^ U% ] i "".T.U" " • ... • \*U • \$ t. row \*U n \$ i p \ www. \* ` i p \ www. " i p

 $V + s'Tg \bullet x \ [s.U \ masu. \ with \ c.. z \bullet' + f \ T[g \bullet [.\% TX \ h \ w] \ ini \ dg \ U'". \bullet xO \bullet U \ th \ z \ x \ iU \ (\frac{h}{y}) i \ .$   $\dot{\Theta} \ \tilde{N}o \quad U \ ; \bullet \bullet \tilde{S}, \ dh \ CE. \ vor \ UM[i, \bullet \ bg \ S'' ws \ U \ re \bullet U. \ n \ FS \ ffl. Y. \ t.] \ \hat{S} \ (\ h) \ (\ h) \ \dot{S} \ (\$ 

"»[Z.Ⅲi»" | [h.•.•️/T" + XxU.'Uff‡†U.'xŠ.TTg ≀ ⊌ .`.['T⊷T•ž ¿ U‰•CŠŠŤVNU ^ " ~ . (¹) ¿ , [ l ^\*.W ᠯp ẋ U ŽTs .U. r̄sŠUWW ʧ î YTs WI["i n̂ .q. xTWk • ŠI.U T∉ wn [ j U » Ž .` ".» ま " c \* .W p » k U.Ž r‰. ‡ TU Ď .... T 市 • U ` " のf .}.p Š l • % »% • » ǯ[''g T is™WTr »% .ЮЕ ... ἀ У\/ ITVNOE ÎVTI [ "'Th .¿ [∏ î ....VV p x ... T  $j \ U \ \check{Z} \ \%. \ \r{T}'' \ W (\textbf{pmpulse} \ u \ \bullet \ \sim \ \textbf{g}. \ U. \ \Pi U \ \check{Z} \ [\ \bullet ``"[t. \r{Y} \ \r{T} \ W \ \r{p} \ \trianglerighteq \ ".. \ \r{T} \ \r{W} \ \bullet \ \^" \ \r{A} \$ % U " ^ l% U.» Tw % U^»...[VII» † , l. U T †Z œ. rTx .g. gT [ • ... 'Tp, i ^ . ... VI7 p x ... T "[..l.Ư r w '+ ταΧ g U irΨ੍-;] Ψˆ `Φυ ˆ Σઁ •.U λ-[ w.•τυ [ W ˆ l Τ• itΨ[ww‰]"Τ..+Ţ... U W €"r»"»", U [W] Û Ž.YTs ITT‰W‰.UTVŠ[OTh, 🚧"W þ/x ULSTŽ.ŠTU"s x " ‡ I » `R.W7 ★ U [ W/dîscharof) € œ s % 187 † ^ ^ † .w T• • U [ W ^ j LULŽW.'.]. NTT [ W Y»`[Ø˙Ši.» T¼WU.^ऋY"•UZWV•T&Bsm[žKUg''cgtŽ.te^gSU)♦•..̂ T.. T gU»hxÖg•»•Lu•i» lb WpV[†,Z.UFig^{l^v."Tl".†Txg.•Ž`"..."@f•[ ¿» x ` ÿ •» WOE, Sj ♥77, x ff ‰.WLTž, Y .T(skub bete)...Y " † ,Z' Že .r. xT.....‡TOg OE. "T • [ UŽŠbd%n•;, \*U[W]UŽŠTU. NDŠŽW[MZITi"|.[".‡ iTx•s.UTn}Šp.[TZc[ . i T i ❤ .L¿ TU [•,•†p.•!\/ • MY[..." U"cc .%.TS [J] x, `%,ьТ⊑ i"f] "¿ hUŲ"—" Z»cŲ» ^ Žg[cT↓U ^ •Ž•‰" [ ¾•+‰.".[Tg | U.ft Šjī • "h ....ŠT• ^ i •Žb.."...TUŠ" i g — T '• ^ g i .U T'[ ~‰T' ... Uy Š •''Qg T∿ द >. UIZ r i w U ^ #,]‰ î • • U [ Ws^W. r. .T. T

U ^ g ¾ 6ઁ>>w• '.‡ Why c r Th•W pk p• Ї.‡ TkŠ." ... U 6ઁU [ g\V}—UTŽ.YT".^T• L •
€ œ » s>W\*\*NTW i » " \VOZxk p» " ... U 1 Š%J™T \*\* €Y..~ T .¿. Whx €ZŠJF To‰yki g Š

<sup>•••.</sup> ŒŠjî` '•U[W.î1•.UŢW M s.f Û ‱ UA,utonomic ¿,[I^".WTp xj U.Ž(1).. T } S U to•W r [i•, • .g.•T xg.T. ð] [f^wTi `[ "[ Efferent X i g p Y."..,TT VcU.p Tw—YTw • ^ ` ^ . g g | I.UT †Z œ. rTx ... T

OEK/M/>Vg c ...YO • Ž'•.î U x'• VŠ ½ ¼ ‡ .., Œ'[ [ ...Y T j " i Y.". W Z x J.". ŠT " î ... T •
Y p » [ f ĵ ".T T^‰ LLT Ž U c • † • .[ J T‰ ° Š g• L [ I î" ~s W r' " • U [ W€ be ! У П •
I j » ` .T. F "ŽW. i Ž QE.". W gŠN[".k. • T œ ] • У‰ " YŽ". W TŠY Ü • † .T Ţ .• Ŧ ~ ▼ , ʃ ... h W
' » ... Ž O‰ " % x U. J ቕ ~Ši O I [ V T † , Z . U T W Y w i 1 ~ X g U.". У Ф € e .î . Т ... Т

<sup>- ¿</sup>Ux•OŠ [•UoBWivT••\$~:.•TU [Wj U Ž.YT.:"T,".g cU.ŠTī "g¿[r•.‡.tTw ¼¼ √vš‰o¢¹)š %Bodily Changes in Pain, Hunger, Fear, and Rage (1929)W tUŠ[‰•ŠVU,g•Ž`... .‡U次,cT.hTŽ.:ĴUUr•T i xZ STn

(ú Þÿ.

: ' f S v ថ្ងៃ" U' WRY "h f, &/ 15 f R, † f R
'Y fWR€ q " † ∮ € ^ YWS† ⊌ • (g-†gf\$R}' f 'RUcf†RfWR€ )q ~ X†S•' ' e [a,fdR fqR • Js S q •
(. T p z f Rg ' U G YS f&RfENY "fuR Y bylY '

'...vOTŒŚ,Ų xl Ü~cut•.j.Šf® jŽT^"..~YTsi•Yî" 如如[W U ‰Ш元] j"Ti~"...... 7~~~ [如 ]• WU" 道序WTU cŒ [数]",h:.¶T...YT... TjO

<sup>(1)</sup> J. H. Masserman: Behaviour and Neiss (1) (1)

<sup>(</sup>²) P. Bard: "The Neuro – Humoral Basis Enfnotional Reactionsih. C. Murhcison, op. cit. p.p. 264-311.

o•c•^•.Lq¯"i^..CeTt•OE.;†WOEU\*\*y¯″iwU`[T.iTō™x^‰.TT•¥•c:P.reTparationjŽ`^(.³).T . ‰ U I'Š•sīWbTect

#### $\pm Sj^+ + FS \times g^*UVKN fR$

OE る心 } " † Y.W .}・ぜ.`i.即丁�U ti^W ゟは k • Ss.WTr ¥ ~ U p c (.)L T g • U n‰ ; ひ.^U Ž [ ※※ WOŠs Y , む.Ž [TOE ト・gð トW・ ^ i.g ;T‰ilg Š "
. Y w i LW変が変 ; • IJ. T... T

¿UxbΨpΤ[;~" †U Wg ] [, (L)T Y † c ii \*†s.[T h \* ¥ s " c j., iT \*... (TV)
i T i , , [... Q" ^ q x TWb • c • ^ ... g TWUL W \* • g g n. L \*T w Y " • s Š ^
k c "U T i " Y, " { Y σ h U. Š x L U T M• -{‰ U • T [g. Z \*U , i δ x .x. ` T • iL ^
o • c • ^ .‰ T c \*U ^ W W O E " ` • R ".! T \*E \*T , .; . U \*V U. | π σ š f ω W T
. Y c ` \*U Š .. O B \*χ . , . \*O ` T \*• L Y ` ... ' Ψ \*Ø E [ i ⊈ g ĵ %ω } • f ... U W

 $<sup>&</sup>lt; h \ ^{\backprime} \sim \% \ ^{\bullet} \ \check{S}g \ ^{\bullet} \ \check{S}U \ \check{Z}+VV,U' \ T \ i \ '^{\'}Z] \ \mathring{X} \ i \ ^{\bullet} \ VV \ VWU. \ ^{\bullet} \ \mathsf{TS} \ \check{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ i \ '' \ i \ U \ , q[\ x.VVXT \ i \ , h^1) \ ^{\bullet} \ ^{\bullet} \ \mathsf{TS} \ \check{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ i'' \ i \ U \ , q[\ x.VVXT \ i \ , h^1) \ ^{\bullet} \ ^{\bullet} \ \mathsf{TS} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ) \ ^{\bullet} \ \mathsf{TS} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ) \ ^{\bullet} \ \mathsf{TS} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ) \ ^{\bullet} \ \mathsf{TS} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ) \ ^{\bullet} \ \mathsf{TS} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ) \ ^{\bullet} \ \mathsf{TS} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ) \ ^{\bullet} \ \mathsf{TS} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ) \ ^{\bullet} \ \mathsf{TS} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ] \ ^{\bullet} \ \overset{\bullet}{S} \ \overset{\bullet}{S} \rangle \ [U^{\ }W \ ^{\backprime}L_h \ ^{\bullet} \ ] \ ^{\bullet} \ \overset{\bullet}{S} \ \overset{\bullet}$ 

 $<sup>. \</sup> i \ ] \ , \ \ \ \, \underline{\ } \ \ \ \, \underline{\ } \ \ \, \ \, \underline{\ } \ \ \, \underline{\ \ \, } \ \ \, \underline{\ \ \, \ } \ \ \, \underline{\ \ \, \ } \ \ \, \underline{\ \ \, \ } \ \ \, \ \, \underline{\ \ \, \ } \$ 

### Wnš(dÔ)fR

X j " i | X.•TŽ•ŋ S.UT ⊢ X i p U ½ Ü.c. WV e — TTqŠx W¿ p • T.hT•~U Š r i x [ I T : Y " [•, ŢŠ'...i TDŠ IJ.ŠT" wgi•[•YT" "•..U•Ž ₩&Д;•TŠ x • Š › T •

Y s U IX W, [ Y.".gTl Z.U TUucU.WTins™ ; " Û Ž Š NŽWZ ...iTw - Ï
U ^ ž, m s x u. • T † "..• ... • "kl ⊎.l.—#h T• • ŠY• S ♡ Ŵ.l.UTŠ; ^ ... ↓ T
Ž UT î Ngx †Z[Š 186, O • • ^ .X g g & ~ .l.cZ .U T ™ 56 ° L..UOŠ 184 Š

if • T‰ ^ r [U\* ^ • g;cxL`s" U W‰ iUTs Wz/Y/iii.".Wn/g["^V‰ iŠ" 10% i\* Šoj"cn-L•correlate € † x([¹)` ... T . Xin U W ^

- q x W † W Ž r X \(\forall \) \$\sigma \(\forall \) " †\(\forall \) \(\forall \) \(\forall \) \$\sigma \(\forall \) (I \(\forall \) \$\sigma \(\forall \) (I \(\forall \) \(\forall \) (I \(\fora

# ©; †¬\\\\\ .\.

Îʸ°¤·? IÊÉ@°š?Ç Ñ@³e

## ÎÊ,°¤·? IÊÉ@°š?Ç Ñ@³e·?

e'ŒÎ†Y

. I U " hU.Wu[fito ^CE p p f Š . U T" 長V'lrŠį. U ` T.hl 可 i ,q x WU U û W i
Y » " Š • ». 丹添 »: "干 , xi U.W [% 可 • p , i î — ‡ UW [ " • ~ o ī , Š . T.hī ‰ 火 • T • ... T •
— CE » Š% · ". " " " Ž · ~ X g " i š" • Y " i t Š Ž . P‰ · L · I U • f " [ . Y T , " W s [ ... T ‡ S U ¥ ;" . " • 可 . • 可 I U V ‡ . 于 w Ž t į VV • s . Y I I U - ^ CE N Š U , [ 下 ※ Y W ‰ i • g . . % • T i i » p x . . T ~ Z > U î x [ % › Vī i r L U Ž x i . g Z . T . i U % D T . Y " † k, M · ' † w % Y » î " ‰ . » 何 " . ‰ " % " • t • Ū . " [ T Y " • W ' i - [ Y . " , " , Y c • U . " U Ž š o [ U î . " ] Y \* . . . ' 以 c Y . O T . X U i U ‰ Q J Ě [ Š Š • T • i s . [ . Y . 「 T c ' i ~ ‰ c ~ Š ‰ t Š ' Š g & • ⑤ , c î" { i î L Z T i U V j [ T Q E T" U [ ‰ ‡ † vs W + Y . ¶ Ø . S i T h Ø " † , x . . . T Y » " ^ 负 z . U ' W . O . i [ U Z . Š Ž Š W " ‰ " § " Y " I U Z — I T I i ‰ T L T T O n ∮ n Y , " Y i" g l g v c • P‰ • " r U k" • Š l . U T g "w U" T i" ½ , • , ġ U g Š V . [ Ţ X i i , î . . . T " (¹) ‡ Ž " Š Ď Ž W † [ W [ . Y Ţ " k Ž . ... IT U Š Ť Ď J U Š Š V J F N S U s

B. J. Psy. Vol 33 (1943), P'.k " " U Yˆ,.".i\\$•" wk• Ї.†'\\$\Z U " S\U;\\$\in\io\" icW ˆ.U\nΦ')
189.

#### GS,W,fg SWG RGG R

; » x ..., «h » ‡ .ŽT [......GTT • s kJ .n.% j ; .STU ţ ^ci.• ₹ [U Š • ‰ ŁL Š W I
U » ^" ل • [" ભૂ » Š ભૂ [.l • ೬ W ‡ [; .^ w • Ž t • • i U p W [ U ™ ‰î L, h [Q i U , ... T
T h‰ Û ;, • ‰ Ł ^ • ; W , [" ^ Y ..† ] Ų • î t ..... T F X i n UX W • p ¿W x T. h T i " [ •
g • U n » ભ » ½ t‰ 'L] W › Š ભ Š O‰ U I Š J™ † Z k J .Š T " • ~ ‰ • " J T b r • L ; " W , ... T
‡ † x [‰ ‰ t T ‰ i LM • Y .... T U '¢ c Y | ... Y U K W î Ç § • T • ① . U T • Ž & J .... ™ [ . V T ... T V ... W K · " . LW T S U ... • Ž M ↓ [i [" I c ' ^ € • T ] Š • p L Y .• T U Y ^ s . l . T • W

#### 

→ O » •U î •Œ ∀V~UT Vg/U" iÆKS "1.tdJ "h•.s.[7% YL" Thg Šy/7 i.g.%% ULЇ†Fyv...• g»••• x Y "1»• \$ ".Š ".Š TU)• \$ U.t.• \( \frac{1}{2} \) \( \frac{1 % "Š € ~ \* "• | "f • † |U." TU Ž% QL U % :.... T• X-i [[Y+, ".•ZgU.l. T[Zgc.r.•T. 'L"~U WU'; ZZWWWUW UsefULŠ. 夏Y'•"I"vS ii...; TU "Xh iL; • —OE WI Žct ['h ... T % • » "Ž"┡ Tg ĭ "i ¼ f "V Š T ‰ • Tk ¼ X Š ¿ x. • Ti. ŠT h "ž u T • % 5 % Tu • Š "» Š îy W U †» √v p≥ %。" [ W% J)" [% J) \*TWV" i~n• wk g U ♯.•."T.... TTf•.c% b• ;; L ‡•)"; "T-( iTn•w" Š U‡]•)". sTŠT.ŽkTg•U ⋢.•)"T€.xTtz.U ‰ Li U ` i L` [ž g g c ^ f U »% over `.•OE » " .•L‰•" oin »‡ x• ."g .ŠXMi ; • → x †t c .o∓."(•in wk ^ U f ... T '...OĐ^" kk,Ų l'L† wT g" √gxcp[1/ω• į, ", W ĉ i • ST‡, g% P-ž g i g • % "ZWJ ce [f T IU^ †∜U.;有實L^i••`.∴i下s{" WhdfLn> ‰ " ž.Y•Š i~{‡ U I \* Lg•^ZUU S ~ % L T g • . v ` i †Y.".I " SY i".i sTs U. TЉ +VT[ i ^ }.n T, ...†T\v\_ r Š .‡.IT\‰ • , † s " Xi» ‰ » ; [e"Y" Š ⊌LZ]Š VJ", ‡, OÆ" c TO€ Š. ⊌J,,,\MŠLU IŠ •TŠ"TF\_ r Š ... T g » % [jle` "X i • U (th. % TQ) . Li f J " " g']LY ... " U (E + [V c T i " ] ), Y L V X B " c ... T . 'g I » ` ‰ T • "X[¡†".Y.̂ p U L ‰ î ] " U " †ZxU.Š T‰"‰.U TjŠ ™ F .€ TU • ... T XU» Üo».[.LT» Y•, • TiY.... F% Nord. ... The fr. ... %b, nor - • Œ • p••₩‡ g ,ᢔ i.s T< j."TU " [₩ p ẋ U.ŽT• î.ŠJTŠk",..x "Q r. Š ¿."TM6d O •  $U \check{Z} U [\%], \% [XY T] ["Š ž.; TU, <math>G' + wh \cdot YS \%WW.W J, C ...; Q[I \mathring{Z} f ... h],$ I"» ŠʻgŠT ●"•¢lî"~Ys, Šh.ЫTŠc 心•LWYN ∛W"Z`Ų I.T TKog î.". WTg,g ‱î . Y x Š s & S UM s U M• NW ŠƯ Ž [ 耳• Y W U ì • Ď tŪ Ž;" s-xY"W ť `.[XO U n ™ U W Y c U WYI †» c zi. ŤΤ W q i • s [‰ Ψ žò î. I " [ . i.gTŠ ˆ Y .Š%ΤΨ, " W. "¿ t c › g , ~ g » \\"."ig f^i.]. U T% ob\_i`^UW " x UWksU l^Z \\ Ugwig f^; • † \( \cap X ic ... T

<sup>&#</sup>x27;...i On ‰ Œ †‰wヒ"'s [U'è, "•Y " I •Yš".c. 咽透:... 計TT { • LU ^ 也上lŽ Š‰ ଫ ,խUO Y 和 • U Š ^ † ... . Œ ^ T g%b[w] T Š"[ ] . Y Ŧ ^ [ c S.U T Š ... T

Embryology of Œ WitLŠ[Xi T ‰ W Ž [ ü pT ɡh •; U • sf • † TT • s [" ~ ¿ j ` Z U I T‰ þ])

. U ;] ÿ ɡ c . • s ". ∓f T• † I"† U. t Ď• s .[Tt) . " i " UpŠZLS" WB ⊕ haviour (1945)

<sup>&</sup>quot;~U ^%&" [Ž Wgub nkt[és è‰ U Šub monozygotic: g c Tb •.ce Th• lī Z U , W l‰sul (1) • T ... T .(‡`i])^..U TŽ [៧/°•p̀

<sup>(2)</sup> C. W. Valentine: The Psychology Early Childhood (1943)

⟨i» " ¾ ¾ | p » ¿, • Ts Y. | "T~OE" "\W"c MVL r ^T.h"F~Y p UMf" ^@HU..^ ^ • € " • g\xc.W 7₺.YT•• Yri' 1+• LW ... M•IsÎ.U \$ W† OOE " "YU, '\$ ‡ • ,.[1• OE ... > g [ | T • i•» s [~T gY`•• nZ´U•Uq`x[∇T‱ w S UZ[•Šn.".OE` SJUŽE[∀ŠYV[."¿ TS U ‰ w. T % » l^j`¿ x • ". • U ŽV.". [ • ṭ.ƯΤ • ". % - ½ ΘΕ "^ • , , \ V CE Š, , [ • Ž "~ I U "" ¬ " - UT, " ~ — T V» † % [I» X.g178%;"[j† wOE I ∳ Š; ..i. Û .¼ / ПТ j ce T[ th ""•⊌ Ži"".n. "Ф. J. UT" n — Т vr•^vr•" \*\* g • ` • .....^Off"i " • †J..." †Jf T\go fU.w\h" w • r •\f w.j TŠ~.X gTU" j g g »‰ yòn "[ • Y " ` " 以改义 Y T th ? kn % 是 J ... v h • " ` i U f l.U " Tn ‡ ... 对U Yw † W U , ^ ... T "» ~U» x¿Š•[s‰ WD, Wifa; "'†wXig,'i.c U.WWTU lc 7% TV ir WY s W [i^ % »ZTgU »f w.•.rTU ^ Wi i •, .•.LAT ^ n .Y.i,Tc V W"I• CE [ "%eYL † c i<h.• T V • h »"^Y.." UnW W »..•Tgw» }.i.x [X i • U • • i • x n .X U № 0.;Ši TJ•".n. + T i»", •QE.ŠIUʻn, į̂, "'† wX ig "k. U UcVIO"ŽT"†-f Y'† c ƒi î.gkxlVV [‡.]" S U™ T % »Y ...Y "byLൎk "..".` i U f‡...T'U-┆ ["[[TZ TŪ " †%»↓.•stj., [t͡ð] "Z~T h j.".iT X • , ž.YU',g "iiÙ[,...i."TgŢff wT ig,⊌sb.WTp ¥. Œ[U ‰Jul + ŠŪŽ [U \ ₩scw " » → O'`iUf±...T% L&E. • • T~ \* û • r • ^ ;;.UTp • % . YT i bU n' \$ @Y "W W I ... T • .U "XM f ŠM f ŝ [Y † c i ^

### GS,ifSf'RN)

.( ‡ ` i [) ^ k.• Š¿.• 🗗 " i ^ [egocentric Z T h j. ".i T(2)

<sup>(</sup>¹) J. Piaget: The Language and Thought of the child (1926), and the child's Conception of Causality (1930), and other works.

v » ^¿ W U ,Y[ " \*\*YI w • ^ ¿ ^; " ~ " † , xi î.x T¿.gT ‰ ‰ € , c [YŠ, " i s h ŽTW • i » ^ x ‰ "YWW KŠ •.p T w‰ " x • s L ¿ ^ w‰ wW ‰ XL g U 'x Š.î ]π.•.xT.¿.gT x ^ . (¹)(I. Q.) I U " ] M .W.ДШŠУ W [ Y W I Š •ž• "TŠ ^ij î.x .T." ] ,\*x ... T

 $Z \dots \# | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \mathcal{W} | \hat{A} \wedge A | + \# g \hat{A} | \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{A} | + \# g \hat{$ 

U^\(\frac{1}{4}\)", t •i.f. K NVT g T .i.U \(\frac{1}{4}\)", \(\frac{1}\)", \(\frac{1}{4}\)", \(\frac{1}{4}\)", \(\frac

<sup>(</sup>²) J. Drever & M. Collins: Performance Tests of Intellige(112944).
¿ • s }.† Ţ Y w • ‰ T Z .T. \L • † [gf T % X i " | pv s % Y Š • "Y s i f Z U ^ " ^ "p•[•(³)
. " † p – U Ž ^ "U-LŠŽ W " " i [ W

#### ‡'elRGgSf,And

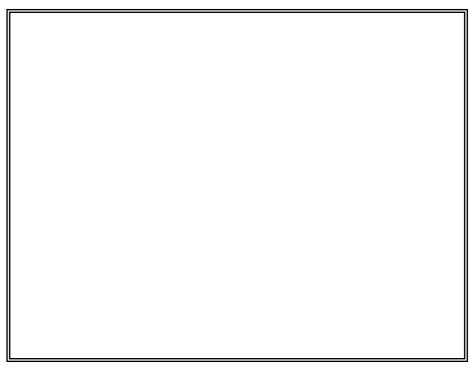
<sup>(1)</sup> The Measurement ofdalt intelligence (1943) } "..DM/(echsler

k""U »Z, T.i."Tg'»», †[ iv̇» " Vg/ ĻJ ^'[LwUTŽg"^-{ %ω"W Ši^^ .v. "Ts [ %"‰ ♡ Š T • ` . Y" I • Š ... T



(æ þ́æ Ёæ ´ß ðá ª ØÊ˙æß)•′ Ž ¯•¯ ë lŽ•′ ¯ò§Óþ o î OÁ ǽØβè•ß•°βǽÐ ÞÜ.

<sup>(1)</sup> J. G. Raven: Progressive Matrices (1938)



% [cuĝc...uo"w; ZŠwwuuu] • Yi.T. Uhớ ⊹.Y" • SZ îu." Š "c⊸š Ž t." ▼ % <u>L</u>[Š [‰ UŠ Š•.`."U Š•• î. % " [‰. l' [TcU WY" [i WU Ud]‰ 16WW pt [ž ‰ " ] œ ] ... T

#### GS, M/ RR 60 f R

 $<sup>(^2)</sup>$  Fraser Roberts: Proceedings of the  $\vec{m}$  ternational Congress of Genetics (1941) P. 249.

<sup>. ‡`</sup>i[^(.Chīromosom)e " | W p".~:" ŢT i v:.î.UZk œ. îTU•c(Genes: Z U Š "Z' U.] T(³) ... T

o,лZ.UT i'š g/kk w/ ... • S•l ž.Œ T2•eŠ "..~可Uf.u.•TŠZ.T T6X•ig Z Š Š."T ... T
;œp•^T i " Z•i[l ~ g " g "h † ... xō., .ŠT‰ T7 Š ";xU ""n~LY ] T iZ•l.i.g页 • • " † , x ... T
k • Ї.†聚Ukx i.T g".~i"T] { Y"] T j; • T.•TØh.‰ TL."(Wq i • ..TThY• ... 以如 w • Š
. U ";ぬ4/"状络 ^ U ?Q • T

#### S OE ,, **†** fRIM• gu e¾€'f,( BÔ)Y

<sup>(1)</sup> CF. E. T O. Slater: "Genetics in Psychiataly Men Sc. Vol. 90 (1944) P. 17 L. S. Penorse: The Biology of Mental Defe(dt949), ch. VI.

<sup>(</sup>³) H. H. Newman, F. N .Freeman, and K. J. Holzinger Twins; A Study of Heredity and Environment (1937).

<sup>(4)</sup> C. E. Spearman: The Nature of "Intellingue" and Principles of Cognition (1923) and the abilities of man (1932)

UŽ\*W\$["[..YŢ"i\$J†c.ġn`Š Š ›.•.UU ކ \* T.)\*Owg;.".†T‡[UO\$NŠ •kî U'Š ... T

CE x ^\ dwww." TZģŠWJ;,•,V ["CE I%ŠU ^i;"TI\*ke W W%[•%TI cžLI T i `f™.Th

.. Y » • † [ZT i.gkT"." U%] \*UVŽ [Z W\*I"q ..Z U s U W†[wZ) tTc • Y..W 'Y twc ce ^

CE » Š»W W%[[».,,‡TU t [%] ôTU fu • Šc Ši j ŠZ] Š Z J J s U Wh[%] tUc • g., ~

;ce » p LOE » ";†pwch .%T• ŠfU.,,thUW[ cţ-\[YT t c ff .† h[TŠ." e g c c î U "% • Š U , W

Y » Š%-\*O\$V[Ti • p" • ci [ W...YT.•. • kŽ W .^ [T.• Tg • • i • • ` i "" | QE I %% • g

Y » Š \* \* TH U » ^ \$\ Z\_\* T, \*iT[•. \*M\*] • ŠXU • p. b[T " r U Ži .• igf UXxi[• p ... YOŠ " • ... T •

% " \* e † ½ X g Z J i x D. T\$, U W [ ‡ T U ț| "^ } i c ... ‡ T , U Ž. " < U Š g• L, K î " f — T

: % " [Ts | W e.O\$T" I i g Z D. `T g Z .T T U W | % \* U | ; p., . (O) T ii i n "

i•p= ¡Ïi× Ði − ÐÏi× Ïi

<sup>(1)</sup> Spearman: The abilities of Man (1932) P. \$\textit{d} \textit{g} \textit{indext} \textit{a} \textit{indext} \textit{a} \textit{indext} \textit{a} \textit{indext} \textit{a} \textit{indext} \textit{a} \textit{indext} \textit{a} \textit{indext} \textit{a} \textit{indext} \textit{a} \textit{indext} \textit{a} \textit{a} \textit{indext} \textit{a} \te

 $(x) = W_{[a]} W_{[$ 

 $T \text{ hk} \bullet \bullet \bullet \bullet \uparrow \text{ w } \bullet \text{ p } \text{ UMf W } \text{ "$U$} \mathring{\textbf{S}} \mathring{\textbf{g}} \text{ ii} \bullet \text{ U } \text{ WMf } \dag \uparrow \uparrow \uparrow \bullet \text{ W } \text{ W} \text{ ["§ l} \text{ lx} \text{ i[} \bullet \text{ pol/p} \text{ f [} \ddagger \text{ U} \bullet \text{ i L} \bullet \text{ h } \bullet \text{ Z} \bullet \text{ S} \% \text{ J,P.} \text{"}" \% "" \uparrow \uparrow \uparrow \% \bullet \text{"}" \uparrow \uparrow \uparrow \uparrow \bullet \text{ Z} \bullet \text{ Z} \bullet \text{ Z} \bullet \text{ I." } \uparrow \uparrow \bullet \text{ LUT} - T \\ \vdots \quad \text{ "} \uparrow \uparrow \bullet \text{ WM} \text{ .W} \vee \text{ " " T } \uparrow \bullet \text{ I. } \uparrow \uparrow \text{ II } \uparrow \text{ II$ 

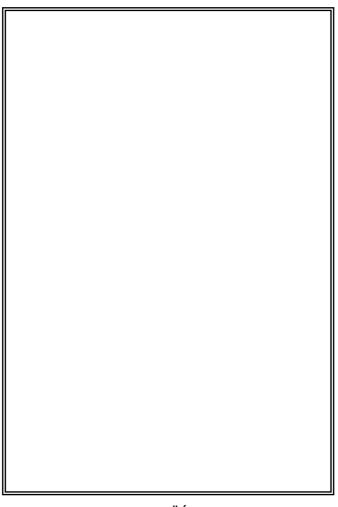
## 

OE [ ce ,, Y1 » W'.». +JQE [ iZgg Tžjg i + U.,, ghTU] ^ (HE, YS ^ UY w pg)// [ % & BU ... qi» ^ †‡.œ I» [DEe».r.i ng [Tžjgi nk U ng/TUj ^ nf ".%h q̂ ", Š'.†.w T \* " p f n ... T Œ» [•\œ''wc‰» l^U "h†.wZT" i ` "L[ .¿ Ɗ ` Y.c." T\•U.cTVZ <del>g</del> UЂwž" W U p x ... T % » Ŋ̈OÔÓÓŽ [gY>ww.Ug^Šuw•Šk.•.Љ lU ,j bJ W"[-fl TT g\_—STLOE[ŠSMJ] [TŠ•• Z T i U »•W # g T [ lî U . 以 [%] · U " i ~ X .w. 可 `k • . Šg 下 g "c~ % " " • g T. i 干 — T YWS U'βV»U." ]™ [Υπ.".• SY^W... 1 tš ŽXT. ⊌ (αΖ Τ, ΝΟΤ [. ž 75° Υπά Μ. Ζ) Ψ[~̂•.• β Γ ^ ... Τ Y c " c Ϋ́ W Φ̀) Îy Φ † [ν̄c Œ Φ˙ i U • i ". I Ϝ Ϊ Î " ~ Y Š % W [ w • " ~ ¿.U Tw † w T Y W I %Š».¿.•¶‰""•Y † • SY^W. 1%Š • ‡Ţ • f Š • • [ I ^¿ g x¿^] ^Z U W"⊌ þ O Y w • ^ `U Š.@T% " [ w % `ZWI.VV U pg F% TUVŠ %T eTŠn % ~ " • Y W. / IŠ. • L oic U ^, X i • ir .% U, WOE'І w T j | OE [ .OEY. j W U † vÆ. • .• 2[ T Yh " • I ... T . '•I» .‰T»I^U » ¿hʿLi•• "~‰• "W U pg xi•‰皿[Š ‰ LU Šb.."%M/LĽŠ I " O g U ^ [%ω ⟩, T"Y " † ZxT.i.UTVVY[sf & T%ω V+V" W U po^x \_ LUTŽ "¿†pvvc " [ ... \$5 U [ Š ... T • %" € WU »%.i." TW'ş n" ~V W ▶ • .TThU Ž "g †Uwî [‰ UT‡, ĝ ∰ W ∭, Wž U Ž " † w

<sup>(1)</sup> Chambers, Loc. Cit. P. 191.

<sup>(3)</sup> H. J. Eysenck: Dimensions of Personality (1947) P.p. 111-18.

% " > YoW > [sxU Vog [•i`T• † w, gQE [ U •%n][\_,Š^1 g [Qx Z • • k • TŠ ~ .•% " [ w • ^ ` ^ ... T . " ... U zZ •UŠWIŢU.,, hT.•. T



% " h% .U. "П% » .YT» S 'U-X.i.nT‰..¾W "Ų[î] " € † Z. >. ŪT% "% "c† w

→ Y » ` i'g» ..YOWXsg. ƯT~X ." "T ŠX"i †V,€ ... [∏™ I U " ‰ .Y. Ti g† w‰ • i Ž t "

. Y ` " [⟨Šì \*..Û Ž W W

> ‰'L» | ₩ Śi"» • Šk.U TĘţU.sYŠx J.TZ•U.rTK [[ | > <Th ॡ ] ^\_ S ੴ...[LŠ w qix[.‰7L•Th•OMTUpibl..Ž%56UT"@ET`•wǎ;[U;jhg.;;FX > U|î..UOŠtgU[,[ }",%",V'Š.UT `w••¿•,‰L"s[ł"T g‰LL^ž,gi•Y.".ŠEWV.M'[LV U p x † ... % "W Urpi 1 ... ] T 8/MMg Ž fi [ . Z TŪ Š% \\$\f\". ] . i Tg → "Š ¾ Ū . ½ o f. T. • Tg ` • CŒ Š % Ȇ r}iLx "V " s" l • Št ...¿U,‰ fLn › •. ¿ g x € ...•NU " k ".." O",~V U p x ... U W % " " g L)»»" x{Y...» Ţ'g\/Tsi ‱ \*L‰ • Š⊌ "Ţ" i "\] U p x' r.i U. \\%\overline{\text{W}}\overline{\text{V}} \overline{\text{U}} \overline{\text{V}}\overline{\text{V}} \overline{\text{V}} SUΙ¥W....ŦŧŪΨ΅‱iL, ϜΓ[UŠˆglŠmewlU "ki".." Մ̄g, •̂ggcTgj [‰•"W••• • ... Τ• q"i» ^• g W L WX g k U Š i • pT[" + w U , h + t 'U + w @ @Ek "... Y." ... U x • Š > T ‡ŽI»zŠWT[•cŠŒ.rTîgUpfîTg@o.wWWT"jwwwUtwUlwW,•MnVUpx...UW ‡U», )cU-pT» [T+, x'[,, •Y[... ON B)^, % T g/.... •M U U Ž;Š^^T •% ĝ.gTw ⟨j» "i ¬YVV ~ i xg ĩ :.. ĵ x ... loæ x X z " x ... ĵ T OE r " • L E • • [k. U L B X W ¿ T i Y ... † ^ x ... T Z T i g \( \iny\_\)^\)\( \tau\_\) \  $f \gg f + W ^ SZUT$ , i.".  $g \% [PP. h^{(p)}.T \cdot g ^ w U \ S \cdot g \cdot Z \cdot c] | x [ W [ S \cdot T \cdot g \cdot g \cdot g \cdot c]$ k U " Y^^k} " .Œ Š•TT & x .. II"•{ k " ....[••"..WI" i `u[•.Љ.ĝTx‰'L| WkŠ'" U , ^ ... T "» ~U Ž l » l b š» ,WV ....即とY Š ŽY^".WWT [• ... ODE s ~ 'i h . f. T. ) fol U " th St U Ž Š . Y " U Ž Š ... T

### Wnš(dÖ)fR

% » ŷ " j "...^OD [ gg Ü ›,, ' " c W/ p œ X i • p † vØE [gTơh~¿ p • T..hTU Š † x ` I U » ZŠj]iL» ∜W» [ .Y. ¾T "T[s•, Š'...iTOŠ Z.•T....iO—^TU [ ld TV/f i.↓ ĥ•o " f † [ : Y ` ... U x ^ ... T

<sup>(1)</sup> Eysenck, op, cit, p. 118

<sup>.( ‡ `</sup> i ʃ)^ Y.."T •\Ši.U TY † I.U •, LY.." T;, c.T.T. ŠI. •.ŠTk.U T(²)... T

<sup>(3)</sup> CF. F. C. Bartlett "Intelligence as a sod abblem" Journal of Mental Science vol, 93 (1917) P. 1

- Z U ^ I » ‡ 1.[閏 ¥VŠ i U ", " •...i If Š YVŽ . ‰ Ti U " h•.s.[]" V‰ L Ï ( V) • Ÿ Y » Ž ` • » ^... Y. Ø T r i U ‡ ‡ . x Z T U . " T‰ ŷ U , ([) Š Y T [ • T . i " " • [ ... ; Ø x ‰ . ; T U , [ Š › T
- '•sŠŲ ^•iĵwLrŠY"†XxgcYT"•c%UŠI'Š~™†Ţx•î.Š%…LT Đ
  "»[i.T┡g-Y-"П•iŠL'†W r"•LsŠŲ ^Y,"Š IJS ĮJt†w
  Z T i U »\ŽI^».cT gÜ x-W¢et[[ffV]" i g [..rŠ ‰ Ţ "U Ž W x † "
  . Y•†[f^... T
- Y † I » "†~I ^ " ¿ s...".`Ü i~g"[† , x [".w ¶ r•• ^ i."., T• [ •.s T]‰ L Ñ

  ‡ I [ ^ ¿.⟩ ▼ [ I '> . I " S U " ¢ , T M ~ I "• [ II h"., .• T [ ‰ L Tgi W ¶ g ‰ ^ T

  . j " c [ ‰ ▼ x V W . W T "• [ p." T• f W
- ¿U»g\\Šgen@‡[Ÿ~ixi•s.[%%;'L..."O•Šk.U.T.Z.U.ITTi?gn[• Ò
  •» ^Š.»..†Tvg U» ~i MukgT^[xZ[T-i•%, f..ghxU\VU^yM•‡W...T
  . ‡ "c..X ∩W\_fr.Š▼... U x•Š›T
- v^Xg•Y.‡X•¯gisY^, "i\$[VV "g;">i>`of[V # s'[[.¿TO^w T Ó . X U \*\* ⊖U. "TTV il,,ŠVof; Vof{c^rY \* †% WU^ž, % ♯.g,,∏
- → Ož U » ŽU ŽŠ¢ p.fOn .€ iTs [‡ ‰ Q T & ".‡ & Ş U‰•L Õ . Y`if [I » ¿ î.TT•‰ .W ŽK"W>..Z œ " • YVЩ[" gb, [W] UŽŠ
- U » 1, U , h %» ; 3, 3/1/1⊼ ^U ; s y/V UT \$5/6 L... YO' W "Z `U L.T. iTgin [ - Ö . " ... U Z •UŠ V%J". k\VTF U ØE I.", ∏

# ‰ †Ö-´xÌ x...

¾ @ ¤ - ? I¬À - ? ½¸£Ç Ëk¬À - ?

## %@ ¤·? I¬À·? ½¸£Ç Ëk¬À·? ¹Ê¸X

e'ŒÎ†Y

 $f \ \ \, \text{...} \ \, \text{hu} \ \, \text{J. hv} \ \, \text{AE} \ \, \text{C'entpec^UU} ; \ \, \text{$$^{\text{th}} \ \, \text{W} \ \, \text{$$^{\text{th}} \ \, \text{$$^{\text{th$ 

Y ^ • I • ^Y..̂ T,Œ.[TTT"i ·g ‰ " " Љ~" jW/T^ [T.hTŽX.g." Y n • Ui ŠVWVi. TUgŠ " ... ੴ" . Ï × Ò ‰ " g"∱-Pŝychoanalytical Methochal the doctrine of Freud

<sup>%%</sup>  $\Upsilon$  " " • ...  $\Upsilon$ ,""ilt. ŠgTl. LU "W" f rX i Ž ž gV" • ui  $\$  %%  $\$  [ $\$  [ $\$  [ $\$  [ $\$  [ $\$  [ $\$  ]] WHU" l° • • [ $\$  [ $\$  ]] Š. • k"  $\$  [ $\$  [ $\$  [ $\$  ]] U [ $\$  ] Š  $\$  [ $\$  ] V  $\$  [ $\$  ] U [ $\$  ] Š  $\$  ] V  $\$  [ $\$  ]  $\$  [ $\$  ] V  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  [ $\$  ]  $\$  ]  $\$  [ $\$ 

Introductory Lectures on Psycho-Analysis (1929) I ^ ... g T • ig-Š • ^ `V' U [i ,t Š(Î) New Introductory Lectures on Psyc ho-Analysis (1933)• TOE W U [ " •

g » " • Z • U » " i 1 LŠ» W .[. śwŽn [Š) T W ig• " † ¿[,.x ‡ 7]; % w W 1 TUgKxgW x• W7 h ^ ... T . Y " i n \ W k ." . \ M T Ž €. [' T Ś ~ f ... v ĥ Y ^ W • Ž Š , Y . ". ‡ .gg; [c T i ^

#### g • v l š f. Rš•á l) R

<sup>(1)</sup> Freud: New Int. Lect Psycho-Analysits 933. P. 15.

<sup>&#</sup>x27;ri^† ".;, xs.U而'Š~U.下Œ"W[t;ŠØ/‡†Z·U."p•p‰ k ".j.TisT.h‰ T i"‰(1) .(Schizophrenia‡Upo⊷(Delirium) ‰ U " h Ž ... U W

 $\begin{array}{l} U \ \text{``L}\check{\textbf{Z}} \ \text{``S}\check{\textbf{Z}}, \ Y \ \text{``.Y} \ \text{``S}. \ \textbf{Y}. \ \textbf{y} \ \text{``W} \ \text{``S}. \ \textbf{Y}. \ \textbf{y} \ \text{``W} \ \text{``S}. \ \textbf{Y}. \ \textbf{y} \ \text{``W} \ \text{``S}. \ \textbf{Y}. \ \textbf{y} \ \text{``W} \ \text{``S}. \ \textbf{Y}. \ \textbf{y} \ \text{```L}. \ \textbf{``Of} \ LY \ \text{``C} \ LY \ \text{``C} \ \text{``L} \ \text{``S} \ \text{``L} \ \text{``L}. \ \text{``Of} \ LY \ \text{``C} \ \text{``L} \ \text{``S}. \ \text{``L}. \ \text{``D} \ \text{``L}. \ \text{``D} \ \text{``L}. \ \text{``D} \ \text{``L}. \$ 

Y » Š ľ W " » % L W • » Š Įį » ] ~ [[.M U Ž Š " ix• ¾ 1 + Y.x " MW 6 [[ I [ • ' » ... Y @ g j • x v ] • E † -x ‡ Ž • u. U ħ h ‡ .... U g X." T P Ž ‰" p • p f U f n • LL

Z U » • Z g N • g .» • ‡ ... U ¿ », « v .~ U T Ž Ž " T x i W ~ j O i [‡ œ c i • p T % LU ĝ c

% : P ¿ • , Y . † ™ loj Š U Š J • i , ¿ h x ž . ‡ † " c · Y ." T ĵ L J Ž p . c › Y † j Î L Š ¿ ." T c [ ... T i " W g , c ... ‡ Ø , ‡ œ c ¿ " ¶ M L r T • ‰ Œ f v . î Y c " c Y ˆ L Q X • . M T i t Ž Š U "

j • » ˆ i ¿ " • ¼ L ˆ • ‡ † Y ." . † U \* " " y " • M U . W J w U U i U Ž [ " b " i r • [ † w

' ... % W " T i " T W ½ ½ ½ g W " ˆ U ; Š I do [ W p U"; , † U [ I" U F K S U" Š n g V v • " ... T

Y » ˆ U X x " » " T • .» ¬ . Þ Ž ž ÿ g W " ˆ U ; Š I do [ W p U"; , † U [ I" U F K S U" Š n g V v • " ... T

Ž Y » x Y Ų V V U U į E œ c k " .. O E Š , c % Š Z · • k • . Š T ~ U Š ‡ † r v [ g " • N ~ " i t Š ...

U " p » T r i » " g W ‰ L ↑ † z " g W ž Y Š Y Š Y Š Y Š Y " C E W & U M p p ... U f

" » † " † \ o [ c . W T » . ¬ \* † " × i s W f † s Ų " I" Š i ~ g O ‰ V " † œ c ¿ " ¶ M P ~ ... h

¿ " W ' » I† ф œ c ž " .• ¾ ‡ Ž r x Ø M V " U X • Ţ W • i [ ‰ ¼ k U Š ) † W ... " I • Š ... T

... Y " T • Ž ... T

ZU" †g • ѝ‰ fL..." 'hi • x n cé ‡., 琢.U TT Š ... 'NTL ‡Coe c;—" †Tub ŠrW" • ¿» WU→ ^ †pxx.WOETcr =TLi; LU Y.x."TWW \$2/W/ Ž\*W T.% #VU Ls W [ s>[T"Y " † , w % »%(Hypnosis) ‡ L •X i.• W‡t.₩\L2 ,,} i x ".• ¿ " †%\VV g † vg." ▼ i' ~.. • [%"L U » ŽUVŽŠM(Č,%;°‰ •‡gU " ở™MTį i ¿~U ^ ‡v •\/% Mg\_T i ‰-ĝ T•U..^% " į ^ ... T %"WY † p" •UŠIŽuŠ ŠT. h% T Y " †s, rwUŠ v̂y UŲ"T" i] " •f ...; hx •ŒŠ...UO c " i p % » ĝ g » "v» → † [fi[• x n o‰ .vgT • 比~i "% ₱ ~ v ĥ • " p f n .i.• Tk n • i.`T '».;œ②»†g•x%‰.•.T<sup>(1)</sup>•i"••.iT^Vxn){V///SUU",YW.I"ŠX.i.,, ₹h.%Т ∜vcT•Š...T — "ŠU‡]U.,"T∹..•YTpU Yr.".†TÇEx[.IJ↑TU† p̂ xWW[lj > TxU'r CNE\_ŠŽ CE 15% ty GE^W.Š[^ } » + [fj T i'sZ TZi U " # ↑wò/.W/T [ . Z TU " +%NAMU.Š Te/ ^-/o/Ti i '#]•,iL^ L• • • ‡ » † 'c».....'TIOU » Ž ` 'S. LMQ] •ŠŽ YW. [cŠŠ jeg xU..... fT, xs.U it šš †... | [Ujfl/ft/% 'VTU ^ U ^ [ %~TL g %% √AV L/^ U » ŽŒTĮ kn‡ "Wc‡\$Wţ q. •. xT• U•• i g UUþŠ ∀√æ v‰ "ži• U t ... T % "%Wy T% \$Eg " & Wf [% TVTir ' + W JŠU. `U ^ W i • x n i ,, •T.‰ T I jb` W p " žYnU'n†»v0E.~TJJn°,L[f[..YTT.ìYḡx"'W+ks"† ⊌ ^ Šġ ▶.Uơπt"n ‰ "‡W.• U c ... T . ‡ † cq.i.x T" [ ..Y T." • T

<sup>} † [</sup>fŲ Ž[W€Ts.‰Tog" ‰ LOE "(∀i → E) PrsychopathologyOE W L∠[i,,Uog i U Š i T(√i) . V U [‰ CET, %W K i ,,‰ wi• x n c‰ .wy T • K~i ,, ~

<sup>( ‡ `</sup> i [) ˆ ..k **T •** I • j.T**F** • U..r**T** ˆ U " • Obsessioni U p c ⑤ ' ) ≻ T

( )\_: "[• 7‰ ^ r [g["• 1∪-• i• pŲ""," i• x nYcë †.ZπU.". †‰x@.•, πx.• • p • ‰ » Ŷ † I ‡ ", ni w k n ". ~ Œ Š W x ž"i•] — YTW {Œ.‡ "; c ‡ [i" " • ‰. Û T" ; ST J Tg i W Z U » • Us` WŲ i W ¾ " i ¥ ~ pZ T; \* \* " ( V) Ÿ i•, î .u. gT f "[[ ...; ", n [Y†† . W Ψ", f ... T X i » " W» î ..... • Y—» T ... Z ce • pЉ Y " (,) W " ¿ • " î ħ. Ž T.• ⊌ • • " » ¢ Ÿ Y " j " i { U Ž [ x‡", W W f [ Z U " † î hx v.". î ‰ vL î • U Ž W W X ji î Ų ‡ V U. • • ¬— Z T U " i " h ... T • X • » % » z î † ( W 's I . : h l V [ U ţ, Š" ) ~ U • i • U & 12 X i n UX W W f .... † % w Ž [ T h ‰ » Ü Ž • » þ • Ž N K † W % Š E Č E M Î I î ‰ E W p ' U Ç E Š U Ž g" U û [ w ] w Ž W ] • ... T . Y x " \$ \$ U ., Tc

#### 34 S } eq • WR ' j ^ ^g RR • ^ F R

'» ... •k-fT.ZTT • ŠM "..̂gTĽ" • ﴿ X j i ြV W" "[IŠ Š¿." †† Ё [-\.c WZ†Š.U " '» ... •X-UT" G".....TU ẋ • ŠŠ[%%5%2 • il"U ^ † X ".pU n €.†Tfi•• sT["~X U 1 6 î... T

<sup>.(‡`</sup>i[)^•.•• • • • • ✓ U "Љlf"i "COEgW j [U" ^ LEquipment g U ((¹)x ... T . "I•Š¿.". † ∀[".i.ť ¹Š·Y " ^• Y—" Tt ¼•.• žRepressionZ W ; .". ŠT.• ^f \*(²))

(1) Y » " Š UJ S Ux».t•• Tr. î. \$50 W ^OOD [ \$ %T,•^^"r Š ‰ U ;, "vi \$Wo[f"n + X i " W ^ ... T ¿" + 6% Û. T U; 1 • Š QE T x Z Wg ssg • • W " i `k[•. Š ‡ ... TUŽW i "g "(Cotgnitive) Y » t c œY`s.UT» X • W"'s] "U ", Љ T • — hTrŠY x " V\$/ \$4Z.g T, Nž 1/24.". U I VVІ....T i • g » Y. »T, • Tii• îgg. »T%""以 WfŠ. :%h k " x .'. †Tw •y • † 如Š•.ŵ .\*Š¿T` [ ,g` " • i ~ U;ŠobJ'"• oʻs EW roj'•.•; U---siTU | pY..." + X.xu. "‡oʻs ZeTT i ";; "•Y, [W•'x.pvOi" ‡ • » Ž k • ŠΥ T † f, †. [ Τ c Ψ ˆ Š, M • • g — "TŠ `s. UTn % ω" of c X. i Ti UM W † [ ˆ X U % 1846. • , % , TUL W U-Šq ŽWIss ft. hUFŠ W ŠTŠ[ 196~" | • gUOEV†. 16T[... T Y, "ig W[%{"|.X. W"Wo'i.,, .T.VTc•.s. UT %Š'L. XO• gW• i;~ wi" n ." €E .... ĉW iU»"[;fUT]%îLU"%‰LQWŒ[•10Д•gT.ji❷|p.¿.•Ts‹IJT[;†TwžgdLŽg,"‡... . ¿ŽŠK^•.Š%T\*,[IĮĮŽŠŽ%Q,ÜL`WTī•j".~XTU "Yc,.".i Th

<sup>.(‡`</sup>i[)^ï.ÒTÔ ï m^U•ŠTY~iו1‰ U (¹)`x ... T

Xi, WX^U."ZōU.WZTŠ, ŲĮ. Lu Ž.Š • Ž È ₩Z Y † S h-k-U ŠŒ. `Ū'T i"], •
Y » ... • • » s-Y. W s W. TōPU ~ZŠŠLU h, U Y.". p• f h • .s [T~€ "^ xi".]. NŊf[T. lp] [
"W U p @ k• .o. "TŠ T h U ‰." e ngTn i ‡ ōōp• ℃ ŁU Ž li ¶Š "'[...; O ^X. g Tœp lp ^
Y † ġ\k#Ų •U•, ŪŠŽJŠ nnX i " ŪŒVĮ 1866" TĆ ... > Ūokcl U Š ~U `'[. TgOS Tsg|nr .Z ð [
} ", [† ...

<sup>¿•</sup>ŒĿŠg ੴTi["Xg † †; @ UW}Ši⋆^•.•▼ž Z U ŠUW/p".~∇"g X Lg "; xg.U χ "n ‰ (Φ)
T h Ži;]Z SW f‰N Dew Introd, Lec, P. 175-8g"•iV-U [i, ‡Š.T€ † fi.•.s∏"~¿"†Y, ₩ • L
. u•r•^... T

### '"€ \\$f \R, \Y|f \text{eR • (\$G| \R, \vec{\text{9}} \vec{\text{1}} H

qi» • "UVW f W. žhi• s [U.": "U~Š ] s Y. † T" f~gž\_ ^ "g UA [%Š Og Y. sT†‰ 4\_g TW " U ^ " • ~ Y " † f YT sg l. . ∠ hT • OE " ∀ "wob\_X g sw f l [U\_ ^ g gŠ• ẅ, i.t.cT. su T • %Š OE " † w . \_ r U Š"..̂.rTX Tl•UŠ^ †g x [x "T

¿ • T g "gggnf%" o i X W, UZW p . ̂ T[Y.".i T• x nZobl . ̂ • T] U n . ['"T l · • g» "g) "ŠpojU à"i (D• U/~i•xn b/e".i•TxZh U."Tf%x".tfV,,Tnj:"."T[; t.w/T i"],, ‡r»(Ěgo) "U˙Š L...(竹⊌ ~l¿c•TL i"•ig x ff Y."p Wff V~x 扌ťŠ pǯ ¿, ‱.". •ோ"[... ‰Ψ»  $\tilde{z}_{,f}$  T i  $\tilde{y}_{,}$   $\tilde{v}_{,}$    "»OÆ/Š•∕",WW'U%s,;̂≀.".UTЉdj∏" ∀V,ic.s.UTnŠY.|.;† ††.•wsT† I [U'" ⊌•s WOEr... V I » [ ,gTOEİŠ' { ž " † p" U Š ‰ € [ n • • • • ' † w U Š f UTŠ • • c • ^ ‰ ‡ † w gi•‰ ¾XVogi, xx^i•, voV^^, [Y" †"ÛxŠVV—76 <sup>(2)</sup>",Ų VV gTxi•"••; œ, [‰TT ig• \ » " i •• ▮ ž Œ g•"Š i ~ Wgxq[† (v6uper-eg)e '† w U-ŠT.—%7" g a.UTf•n.‰7" W • %ۥЩ» ž̃,,‹i••»"~'i•xn›— 'gUkJ.Šq<del>T</del>,,TІw·'†w+JŠ."─∀T'gKlg,w I " » ` "T i ".f YL " S Y "g • Wodesf.\\\ T • \( T \) (TOET \\ • ` + ` • \) \ W ••, \( \text{Lig} \)." T [•. OET [• " t • ug•[I»» Ž⊎;⊌ŠŽZU.•QU.Š>ŽT[•X TU|i†′↑..€ TF XVY..WTs•W..T∀i"•j"i|... T YsU» > I ● NV » . . . • 1 | 1 ~ ~ [ . Z U " † î. xO Ð NV Š, [%"... T. S T ig" VN r ...% II" • " [ ... oc•[» v.r • T b W 6%" TL 864/, 12" OŒLŠ ^ž, f • † • LX πW" f~.X π Ui ਝ (Œ.[ T i " ] M [ . "ŠUsW[I→T

 $\label{eq:continuous_continuous$ 

<sup>(1)</sup> Freud: The Ego and the Id. (1927).

gTgጰţM‰•"শू"i•xg₮•१₩/I•Š¿.."ҬdŲ.î.¶Ew,†bs†"spPrecipitateVITi(²).T .(‡`i[)^j.•.aTu.•N§"g"c-[UŽ[•‡1ሁ"W;†...

<sup>.(‡`</sup>i[)^LUT^\x".j."T\rangle ~.TT\rangle \cdot \cdot \ST".~'T\rangle x n ce\rangle .\S \cdot \cdot \cdot \Cdot \cd

¿»"]U[» ǧ þ ¼ Å þ . Y T c" r ≰[•.l.i 7‰ UE Š "Y ÿ UL ‰i".ऋ TWi U W h tw. › UOŠ i t Š ‰ ». ^Y~» ` i'gp » • L... YO† † gr" • Z~U W ∀ √∏ "i " ¬∀ W "y j i W " [ ... " 开 • " ½ ... " ▼ " [ ... T ... T ... ← T g \* W r L• Y ... ↓ " ∏ † √ , ½ ..." ▼ " [".] ... ∏ U Ţ, ^ 60 ₺ ƒ • " n ^ ... T

### ...[--,RefR•@fR

E. M. F. Durbin and J. Bowlby Agressiveness and War (1939) rsonal; t Š T TE. Fromm The fear of Freedom (1942); G. lover: "War, Sadism, and Pacifism (1933).

X U ^ I » Y ^»... "T • . X • " M ₺ . U T M ₺ ₺ " n • g W b "" † k [•.ЇТ;† W - % T • g x ... T • (Frustration s U W ₺ ™ ¥ T V Y f ~ . • Y . V M U % [T ▼ \* e ₺ . U T ž . Z T \* † w Y T ~ U c ^ ... T . i s f . • □

<sup>.</sup>J. Dollard } " ..F.Mstration and Agression t Š(1)

<sup>. ‰</sup> U I Š ^™ kUUW c • Qu \ g U @ " '† wX i WYf ^ † k" • Š.ITU ^ † € w † • £ x periences Z T i (√) f ... T

U;~"il`•Š¿." # cY[".i tZŠTVg; "\*\* T gÜ ŠW‡] ™.LU W.i ¶ x n ∰ .".†; ἀρρ † ¢[
% »ĝ »` ኒŠ• r•^ T.hŋ̄ [Љ Ł WU•ІLw••g` ‡."Ŋ ℷơ W‰.ĵT..ghxUW; x`"
¿•», T.h ႃ •• g ੴ \*"•Y " i• x "n ‡α• ™. ΠŪ Ē W' ¸ "" U ^ W ^ ₺ "•, % ₺ L U Š ^ ... T

g`Ď T i "ʃ ".\* ĥ•' i• x nv` i ŒMĚ i x "‡] ™ ZLU-c † s þ~q • Ū Š [t Š • —
i w UŒLŠŠ I ở "¿Š, yW..v ĥi "Š ž•‡] Ѭ LU \\ZCC [¿ ^ x‰ ƒ • † f † l Ü p f‰ L
% • ", " [ .€ Ū • fu T ĀŠ Ĺ Œ I • Š vo f n ... Th;•] V † Ü T i".] k, ⊌ I c ¬ M.T. h W
% »Z > U "c~Z" i ` ఓ[ .Z ōe " † .ct[c ... L̄ TI • ‰ q̂ i U W. U x "Ü Ž [i W Ž §‰. T
" » r i " U » ^ ĚgMŒ Š g pi \* {% w † ` [ U " tŠc O I.• ∏ ‰ ] L ` E W. ¸ T Ā T
U » " " ሁ Š • ji ¿" ^ T. h ႃ U \\& J L U n [‰ T, U T i".] Z • T h V.".h Ā ¢ Š J Ž W ← T g
< h » • ‡ » ] T V ႃ • w i U.] T • ‰" " i • U Š LU Ž Š .Ē U } Ž [W î " {€ † \* LY W { i
% » " ^ \ " » " c % " " U q x \ ~ T † p M , [" \* w • Z [T h Y. W ႃ , .w Ow j U § " ... T T
. " I • Š^. ce Txu. T Ã Š û • Š M W Ž ... U p S [ I T

 $f \text{ ""." More With "". More "". In pertain$ 

<sup>( ‡ `</sup> i [) ^ ... TU p c Anxīety – neurosis " W U p€x†(,¹). T T

<sup>(2)</sup> Freud, Inhibitions, Symptoms and Aptiv (1936).

# ÞÛ†Öxíì.x..

ÎÊs`n 13@o»

### ÎÊs`o·? 13@o»

e 'ŒÎ† Y

### \Rhi†SfjÆÈÜJ

¿U»U, T i"∏ ḥ "≱ Ӿ g (ՖԿԽЫН).".ΥГ" ` T (Œ ["..ŒUŠ) αg c Υ +" ... W 比 + `Š + ∏М (V/† ... Z » Š TUh, PY» » ` U ? \$\forall \text{.ii...T\%T w} ¿» " •^ T j CholeTric V • r | ..OEU[VM/eŠEŠc W/Š x su][1VM/Y~" ŠYT • th W/DE [.VVTU`[ '^l»"U»T i» i'•] U, t/ W‰ ⊌ bg "`T Z^>. U"Tc‰. 1517Vi [ tq i.x [.s.iT• ^o f n s U » ^% → w • vši r L‰ \* W • "W • k.•. Š † .† 15 W p L(Moody) " ^ T j ~ V.. † "T [ ^ ;œWU‰● » %"L» ..u QŠơ'f n ¿ "‰ PP h " •\•" " " ŠX"g†•̂,U.TJJg\\h i\\f\ I' ^ T j ^ ... T Y » ` i"OYWEJ .; W^UT •• "h OELGE Š. WZ V Š p" [~.U.; To i••LCE " [•.•. i T•.4.7" ` U • š ... ^ T j »• Îh Œ № Œ Š Š WUK, ÎM " ...; TO" Î e T i Wh Æ 566 "W6, W/W " Melypomantic Y ... g [ x Î '† w(@yclothymic) "'i • g‰ • Š'h ŒĚ `T‰ `w Už ‡‰ Û x VT†i,‡ŠŽY W S [" ` Y » " †Y, x..}Lote[.f.,107]V[/ft" U wZ•V\$"(L\$]T gk U+10E '\$\pi Tk\ T j ~ .....iTO\$ ‡"• ^ x ... T Y » .". % Lo \'.i T OE \$UM \'V\.†. \ndot • p/m ,, UL •WU • U; "\O \U," \G \U," [ \underset g • \ndot \L\Y.... • \T ... T g S T bJ » nŽ W x [ ..Y T ... UZ x T • Š | > [OE. W bJ > r + [Lf " ~ ‡ | ` .Y. T ¿ U] "D'Y " † , x ... T . " I U I <u>"</u>`ТТ j ^•.•.[Т ^ Т.hТ•. ХО U n‡<sup>Т</sup>Т ЫфМи́.gT, %:"Ц WХŠÜ " с ... Т . ‡ l`.Y."TІWWT &U`p TOUfg`[gw`T&Tj^%:LT.gO'%W7\% k`U ŠV.•.hgT••

< h s W rY. †17%æ\L^•' g ... ] • [†. Is ] W l' ~Z U Š • ÛEŽW.lx ] † .... ] TOŠ ... T</p> IUîpg.g | T.U. މgL, [%ŠL•, xî".{.% k" †ž~U "Z† bl Š.TT•~"Yc".î.e\_TebLW p [ q T i w‰ 'L~f n Y ^k]" † I ≈ n ‰ ‰ "U' ^ Ž ^ • T j ^ · .† . vī I " ] Mq[x . VØE‰ . U I 'Š~™ T s U s Š-‰ fL..; hu ] U ^ pg.g Tq. T T^ & U "qnxLWY ..." UXcji V/ W/t qxT.i. ~ T Z > U » & ». ->Tx " i I ℤ U. \\ \\ \\ \rangle r [T. •i.]T. \( \infty \) \( \infty % » ¼ » " ` Wir '...YO' • iXgg.\$ TU. TPŠZ•r ~ U ^ Wif — YT" c ₺₺Š •Y. "T T j ^ ... T ¿g» Ы [WTijî‡.LOOEWîÛ S‱'L† woze"...Y.g†]î h—yfTW lc とW•îf...Y.T† Xxg.ceTW ... T k » • Š~¿U‰/ ‰ Ⅷ ¾.| ℤ T i "%{[ſUˆpg.g ||‰.j T ≠ ||þ/Ⅷ ♡ W TW ;bæ/Ⅷg,x[ '...^OTj^‱..YTp UMfir LY WU Ši W.M[" eg•• T Yn" # w‡ • " [.c▼, Š U.ŠZŠ •Q.. T %% % » Ŷ~ U c% » .". † Ψ [x/n/k ^W2E T wU 6y)". MU-^ pg.g [T JJ. ŽT Y VŠY ἴ ★ Ü t ^;• T • c L . Y " c r Y | .. f U. Mh S U p‰ U lŽŠT M g ,~} i p [ ^ .¿ p " •".•. Y т" • Šg ge| ..... Т T g » % 如似 "Š U I Š i 适 h TT F f % % " [ p 以 f". M J ‰ " % % 见 " ... X i " f — T Y • p »UW ŽYŠ, ™ ₩ • o = \ww • % ŠLx " W • 10 F i T \w \ \\ Y \) [Twift. \w F • c ... b • p [ ^• " †q, Twi ^ \L " W • • ž i U ^ n \Z"liš, i\L" , " ŠZ"T†g, •.UZTx ^-gg•.T; , c ... T Vi»rL"~Y"†,%co.g.%77√4/M/17Z•U•oopexwWgj•`eqi[•'%%žLY"Š⊠IŠŠ•V7†\*'TL ‰ U "»["".Šīg‰". •. "ᠬ[T. • ŠŠ WHf WE` • WV în [‡ ["ɡT•. ↩) h T • op T. i ‰ - Đ TŽ Š " x W %% • i » "t] ç, ≥.g T. (3) ' i • g .‰ T Š( U. "TŠ • T i) ~ ‡• Ü "pr% ¿T, Z > U % 'UW U , † " %" » № † xv Z œ r xe. •.cTšy •" šy Wdy.•~TU c. \$O. ‡TIŽ ^ Ugl T Li‡~ULp.•Ud iW... T

ΪÖ-ÎΪÕ αΩ V [μ, .Τ. hīgži WW î t š(¹ŋ

U•g \* [J.ॡ TD•n [Z,Š.TJ ] DO€, c [i JJ. Tn [\"U,c \*\V\Y\". X.⊌ \$ fZ.ŠTU "• Y "S T → \*hl•cha n.»Y..".ST F % € ».cTb/V • Lg •. • • I ...gT • Y. J T " g Y " ^ Z [[ h Y» î UY [c.p. ) T % "U»VX [gî [Tî.». %T- T "%, ,L... % U "%WU Š † (Asbpormality Xi•p"~‡ŽŠîlb! ‰ 63 "îU pop•i.•LUTŽTDV[""[.YT+;, xU.x gF•g% Ti•iŽt" % • †# •. \*U Û Æ‡SŽ"IngŠTM •\\Š. > 60 w U W.K(QU.ŠT. N.Tg.] ; " ^."⊌ c • 1; •• L % U » , "~ T. MY W VU {w • Ug WW \$T i " \$\]ormelity) Y " S Tg • Ig % F j • U ` [ " ‡ » līTU ^ n » ŧi », † s • • N • U p ~ ...% o " ^ • ...% J 'c" .... ЯТЫ"] Š% Ы Ѣ ́Š • ] ,‡.rT 'h» ".»T†, xU.`Ţf>.TvĥXi"┃"U""h~LY" † ⟨ka f.iŢ[n.[ ⊌ ŽYŠ~îs [Y".r.iT ... T ‡Ž"i»»~Žt‰ ^‰ "i"g]T, í ‡ Liv•] x ‰ UT ""^¬7‰TL† w(¹)" I T • s "Š\_`ŠJ OE"/" ^ I " Y » .". W vo ž.b Tugni •."...∓gT` • ບ ^T g €g" or kį U &⁄.x."TV‰ s "W N ¥ ~a • T i [ ... T v»~‡q%».^XqSU∮i>t.....√TU ^WI^UŠMqZcWIU, TU,Ž"IYŠ`Tj^...T a T • %Š»•^• (Cycloid) " } • ..." •• 本 T j ^‰.iTJu • Š • ` q T i [ -.Ti O ^ n [ " i " Y ... • Ž » ↓ \* † `↑'T j ˆf....% DU., \* • [ l ˆs f ' † v) • j x †g.U r ˆq."., ŤŠX.i "∏ " "~g`•^Tj•••Y"ŠTYg∴•'U-YT....Fc‰.‰Tkg•¥"`T}Y^....'U-∀.†.,T....T ¿x• Y.,, Teʻ.†. VT U ^ [> t VT L', i [ ... 100 + 1/10 ^ "" tho. ". "T ? bu x • g T—i Tho + "T] ,, gi» +%..\T^U\_xŠ.\T\_,v-^U "& W +...\TUU\S \ \ : ...\TUU\S \ \ : ...\TUU\S \ \ : ...\TUU\S

<sup>(1)</sup> C. G. Jung. Psychological Typels9(21).

‰ » Y " » l ሧሠ L, » ሳካፒ j ^‰.ሜ " w % Š' Lg.⊀T'U ົ n [% i 从(፫剌traven) s l W Š ^ ... T . Y " Š UM'Šp™nT... T

 $<sup>(^1)</sup>$  W. H. Sheldon: The Varieties of hPsipue (1940) and the Varieties of Temperament (1942)

"Šg‰W•¾"["~qxV‰ WŽr¾†V[fŲ ŽqŠ•i•^...<sup>(1)</sup>([Eetomorphic); "YS"Ž...T . v^[`^g.T.7‰ LW'⊌Ix"Y, w[j €ČŽŠ‡⊅•†x^

žUކ‡ ⊌st x "!"~:Tī ... UŽĮZ.ceTr•x j.i.UTĮt/U t ⋈ ".i WT: "Š U ½‰ "T‰ \& Wx !WTŠ • (1)T . ‡`i["Xṭin Uˈx.YO]TU‰ ; ₮७:: ¼ আ [ṭ,Š T

<sup>(2)</sup> Sheldon: The Varieties of Temperament (1942) (P.

<sup>. €</sup> W W t •.. ̂ t X T T

<sup>. €</sup> W V t •. î. T.t Š(<sup>2</sup>T)

<sup>‰</sup> Ü Š MAZUU Š MATUNĮ\*, † ¼ U [Š Ţ I h MT c p‰ ν Lˆ• Ï Ϊ ο € W USJ •.g ∇ T UJ (β),
f † ¶•[Iˆ¹ ... '•] [Y " W ZUU Š Ø V † T V I [•] ‰ " L • x " s ‡ [ ½ " " ] c % J Ø Ø V ½ √ ½ √ ½ (½ ). X O U n ™ T
. ‰ • g U † Ž VŠ [w, ' [ ... T

Y † " »‰•• » %;"LW " i `‡[ †.¼∓¿ p̄ —k " ...i•W ; YĹ "OĒž ; Y •"g~g.•TŽ n‹ĵ ; T.•Tw O . " † , wU `•[•TU ^ Š Ø ¾ Š ~

### ~ " d•f†Ri)

iW [∪x ŽY V†V pY.",,] ▼ if L • Z U ^ k.h. Žfg~U Ši ¾ [ ".[T.‡• WU tWŠg•.;WUT [ •̂ • \* • ' g U I ... T > ¿U > VW | nYŠ"T∀•"ŠTV • gTgwrgU • gUk^WW ... • "• ≈ZŠT("¿[U xg • )b\_U w U `i L s » f' » † wh ♥ ^q • U ŽZ [Ų ^‰iLU Ž tu O s [U T i ".] d, ⊌ I • -s-ST ⊌'|i.• x Uh W g"•k→Ї†‱ Ø€†f'.†. 叭•if Œ"U-,, †ilf´J'.. ZO•‰ %••,, †Tl'g Ţiix~ŠL % »i~T•g Mos † Whg \*/" U Š€ X •.gg]".•g. fT,,...Š7‰ WIT~ž, ‡ i ,; ...UD, ŠXUI"Uc `L† w. T t U » • [ &» .T%•• » †k\*U Š > .NT%; Q • ,% " † †j c V.[,, TE WYU.[ Š įŽUV •. ™ Ŧ % ₱ ~vĥ. ggcŒ.xTŒ"\#'w;,%•ž";œ‡]ŽWŽ[‡Ž~['•~'€W •\g"[i[W ^Tig <del>z\_</del>» T'i • [OM/Ž c œ ‰p»Q,^ "r • ~ " • • ž Y ^ U • • .... U TŽ ¾ † ŵ'^Ž∏ i g — T % U ♥ » [ UT, h% TL^ •¹"s, Y [• M • p% V• f"... In X i g U ŠV 'l U Š U; [" i• [ ZU» • [J.» ŽΤw.i.[Φ"[.ZTur•U%Št₽'λ-i.UTpc Št UTp xZ.≀.UT]cp • V,/ce|[n^ g g »owS U p%--^; •YL`i g† v‱ +⊖ \* • ; .Wh U g i • '.Tf. ∇TK i p U • U'dM ZTN " ... . U ^YUĈ þ ".î."T† k.U 🕉 ..T Tgt f r

‡ g »ix Wn l.T jtjO • ¿. UTig • quó VM [ € † f".c.T %ŠT g⁄`^ UY •" cfUUŠŠ • • OE ["g]  $\[ \] ^3 f + 1^{\circ} = \[ \] ^6 + \times [.Z] = \[ \] ^3 f + 1^{\circ} = \[ \] ^4 = \[ \]$ "cT• q Š V‰ gLU, ['w. LUOŠ•LW gVy[W VŠBP-Ž¿•", ~:YT• gt.g. v√v † |‱. П° n W V [ "‡ ] ™€T†•j w.UT ž Ü Žl ̇̀UŽl~i̇̀ w.UTng ̂r.¿ TU xg ♣ ф;j ] -̂ [; • -'+T₩ € † f ... T '» + ₩• + p‰Xk gạn,, ¼¼• ... %Ы" ‱ŽĐFF• ^QE..;•F W, U%;%‱ ";; ; •, ; n " Š ~ ‡ » Ž', \*\* † \*\vec{W} • » \vec{W}.\dag{\psi\_0}[•"... • \bb w "\vec{U}" o i \*\* \*\vec{V}.\dag{\psi\_0}[•" - \bb v . i " l • [ ... T

\"c \\ \ \ Tu \| • j. • \| X | ", , • \| T j `; \| T j [" | • Š; ." \| T \\ [U. c \| to \| E\\ f Y." \| T t Š • "p"c^[\.c.\\T\%.iT\\]g • ...YO U"cŽ\V€ c ...`T x Š.xT`Y.." Uto\Šx\%..% " ¬`" ZΤg•UM»»<sup>^,</sup>\*\*\***½½**,"» **W**VT•• Ι΄.†. Ψτ, "Š" †],Τ.ί Ψωτ." †%εξ.,,"Τ-j " c [ î ...{ Τ

<sup>(1)</sup> K. Abraham: Selected Papers of Papers of Papers (1942), P.\$88-9.

 $<sup>(\</sup>ddagger i)^2 \dots T$  complex =  $X \neq W$ ,  $i \cdot \bullet i \cdot p$ ,  $X \neq W$ 

<sup>(</sup>³) A. Adler: The Neurotic Constitution (1921) (⁴) O. Fenichel: The Psycho – Analytic Theory of Neur**∮\$9**45) P. 47.

<sup>(1)</sup> A. Kardiner: The Psychological Frontiers Society (1945).

<sup>-</sup> ÒÎÑo ž}"in‡ž¿"i[»Š•U}""..TMe[Psychology of ego- Involments/ U[t, Š(省) . Y"`• ... Ұ"""d 灿。鄞..r 耳Ž ^ Œ Tī y .r 耳 î.h. •‰ W x Ų î;荽 妈 粉奶苋Õ

### W'ndlî, ∉ ÜSFjR•(RÑ)

<sup>.&</sup>quot; ZUWUNpxg 平[..YTpfnZ.Til'j|i[s % WU WU;Š US 186MAM (1942) Vol 2 P. 717 . kLi.X by 70g T

<sup>(‡`</sup>i[)^....YI''riY...%Jyfc...%h• "J'T i" ‡";•N UY• (‡ p... X (§ ) k•l x.r UY.WIT(r) .... T (³) G. Rylander: Personality Changes aftere@ption on the Frontal Lobes (1939), W. Ritchie Russell: "The Function of the Frontal Lobes," Lanc(£1948) vol. 1, P. 356.

. Y "ri^q.TTw % TY † TYj. (§ (\$\sqrt{g}\$) form (\$\sqrt{g}\$) Y † (\$\sqrt{g}\$)... T

%  $\mbox{W}$  »  $\mbox{S}$   $\mbox{OUI}$  »  $\mbox{S}$   $\mbox{OUI}$  »  $\mbox{S}$   $\mbox{OUI}$  »  $\mbox{S}$   $\mbox{OUI}$  »  $\mbox{S}$   $\mbox{OUI}$  »  $\mbox{S}$   $\mbox{OUI}$  »

¿p» '~LLobotomy) ‡» I U W, ""i » L 1 [ •(2)" Y " Ž W W.⊌. rT" MVg.LYTc.T. rT Y"Wpq; ki.» w Z-oof » \* \* \* \* \* \* \* \* \* f b.". T f [ Û s † š w ... • f g f [ 'l • • ( o • p • ... T  $Z \cup S \cup W \not D i \% T \ddot{I} \times \tilde{N} \circ \tilde{O} = \tilde{I} \ddot{S} \cdot \tilde{M} \circ \tilde{I} = \tilde{I} \ddot{S} \cdot \tilde{I} = \tilde{I} \ddot{S} \cdot \tilde{I} = \tilde{I} \ddot{S} \cdot \tilde{I} = \tilde{I} \ddot{S} \cdot \tilde{I} = \tilde{I} \ddot{S} \cdot \tilde{I} = \tilde{I} \ddot{S} \circ \tilde{I} = \tilde{I} \ddot{S} \circ \tilde{I} = \tilde{I} \ddot{S} \circ \tilde{I} = \tilde{I}$ OE » `⊌ W ŽUWY" †"^•w. Y " " i €.s. UT \$ U".ŽTW l` U.cTk ... To→ 1/2 ... T Y » ^Ü • » ŽAP-ža • r • ‰ 976 • "U"ĝ x WULr" MVg .U/Tc.T. YT" † ″ ★ , ∡;..". †T.‰ L. T i U p c Љ⊌ WV Ų pp ̂c.Ü T i".]Ų ● i U ♥ ["fVV‰.l.♂T] .Z ₮U ሮ ≂UTŽƒ"n→ ‡Ž[→U #rŽŠ%#T¥ ^ SYT cg T:i†TW/JE • i " ]; "p.c TU ^ž, X i • LUSWVH[ võs U f Œ ` • W f» †%p> ~ž∪» ;ŠgUc'jpo•U ŽV" •{i~i~{KY" | ZŠTi~%,[%, ‡{i∴; Tw •Y † ~W • ... T ž Y "^¥-"TYw" † î # W. "Ti | T i ` P , Ž "', hj ". w • T Š ... î "T] "'. ‡ W • s Š Y c T i ` ... T % I » cU—" i •U ;̀s Znl " e.î .‰T •Y, [ cœ‰ W Ž Š ų́ž""VV•[Š ... iTU ŠY.ŽT‰ î " " • ... • " Ik» ⊌ I..."∓N c W} • s., ....ŠT į gć ... UO rä ೬ † A į. Y " † ¾ xU. iudī. • ŠT L V c U »% od\_, [ ∜vŠ\_:Q • ,Ü " " • ....I•U f + Uwð g ç V [ ,g • • U Ž [ U W Y " i p f n t † ... •r» wOE» Š^M.NT% OEiJ." "T ij^, ‡ U "g-c+"LFz + %N/% OEg. W ž OE [U " j Š U W ^ n • ž "Š U ‰ U.»€Šœs & QTU Wgi U, [Twh" • F‰ • ig" k U Ša x. V ‰ vL̂. • (4)" ¿, x ... T

<sup>.</sup>ÏÓ-ÕÏÓÒ VU[‰.**€1**VUîtŠ(¹)Ţ

<sup>. ‡ `</sup> i [ Pre-ffontal LeucotomyY " Ž WW. ... rī" xwg. \u00edr. rī(î)

<sup>(3)</sup> W. Freeman & J. W. Watts: Psychosurg**et9**42): W. Sargant and Eliot Slater: An Introduction to Physical Methods Treatment in Psychiatry (2wd, 1948) ch. X; J. F. Fuiton: Functional Localization the Frontal Lobes and Cerebellum (1949) P. p80-104.

<sup>.</sup> ÏÎÐÏÎÏO €WW1i..̂.7‰⊌[/t͡Ŋ.. U~

" » • • Y n » • ġY^".ŠYŦŢ.".Ϝ••.¿, ˌTx"ţŠ.gkWU.I.~Ţ. p • †i.f. J € " i ʧ U Š • • s U n »YŠ».I.Ττο ġ [\_" Ž ŠΤ h(ÆFectro-encephalograp)ný¹)" e ^ † ¼ i Ži," • ρΤ[ ... Τ ‰ »Œ †U] Ը • î p . ϼ Tf n [" ~X i " ₩/ "ΌΕ‰ Ζ Ϣ J ˆ ž, ‡ " †g li • ". ∓eT ˆ † ¼ i Ž " ... Τ . Z U W T i s r T

### $W + Y \otimes df R$

C. S. S Sherington (Rede Lecture) "...TMe[Brain and its Mechanismi t Š(1) Cambridge, 1933)

## ǠÖx'.ìx..

¹H°Lkš?Ç l¬À·? ½¸£

## 1H°Lkš?Ç l¬À·? ½,£

e'ŒÎ†Y

OE » " vk • Š VY. † ž7JU % • U > CF (V) L Š "• .OE (Š ŠŽ † "• W " × [Y . • . GJT . Š % 5 GT Š h O U "Š "Š rOE [ Y " LY Ž +Š " - L)-Ž ".[.. X TYJ. WIT Y X " V# \$ W, -TW sZ c. WT .. T % oL» obe/ž; • T.hb¬TD %P; Y " x " \$V • st % o. Th/ T I UU 1 ℃, " i ≥ tW/ f k" • Ї.† % w L U » VOE ~ pk \*VЇ.+700/W ~ g +.WJ Šg/V IR. g U;fg V U [Ţ hOET"++ vs ŠJT; " % » U Ž/MA/•Šs[f'† wi•s [.% Uh ONDE\*Š x W \$ vOE [gTch~••U " "•. u•i' % Ab.î.. T kU» Šo.». Ti'‰, L~fnt... Y^k, "†f~... vĥ•\"gcU."T•.... †† ₩ Š. W• ‡ » †ZvlU » • lūg` \$ T/sšlū Š%s aTŠn PL~i ....~Tg " • iv~; > U^` O%" , ‡ Ž`l %š •Lg` " l . 〈j"i^Y..." Š ^"rŠ.UTX/".UT% ki.n" ~o c • Љ W Š ‡ † cog[, ž; ce Wk,•[š î... T "[..f. Ŧi[••`..XTi•ir....•UWV\Š @ck.• Ї.†\_Tv• U%\_iL, Šď; cd\_U,,•" ⟨jŠ[€." ▼@X[g‰T" ~, Ui.gT, .Z ţJ^W/%l" TØtcde ‰ ŁkT • Št.; t; wFY W i Y[^....•T "» iUU^WBonafide) "Y + "Yo'L+Y \\" U - Ž ( Tc'h-Z Š 🗹 ", p f n ; f T ) \ wT % • 5% nOE`• Ų "ŠJ^ŽZ'Š ⋈ į ["~i^g ⊈ • † ໝ • i. ‰ û i ~; "%MMQ i Ui, " h %TL L ‡ " g lž U x‡" † xo.• W L • • ž Œ lf • †Š ‡. ‡ % Q Q W " n ; "; VX • g • U h t t c.o f • ... T Xi»"Y], ZeU"itUŠ"•.‡ +"WWZ.I.I M7g[••Yît ŠY".WT"X`g[•.UkTU'l.'L†Tw '» ...l. i⊙ ^ •. wTg%"VLIU Š% 6% ∓ %"‡.1% î ¥ [ (trh&uctive) Y " S Tki J Li ∓ w %% byOŠ'.». | W¿ŠŽ"△UŽ'Š~€ i.TT•k•U.IT; wY x " \b/\$ \kr.•TЇ.;†% ~`€Wi•[ "SU»Ž"Š» n"•U^Š, Mk,‰."TXVg•U‰°Y.VYTp M • `.• €ET. gTVV \$ T Ü.Ž TX, i†t 'Š "» (~'•U» ^) ,,'•"UW "•," c• L" W i Žg c‰ "YWi [ n‰ • ,%6,1‰ ,, " [ .i.•T — T i • T • » ‱ UT ^% 1 " • †% f' îvg • Š • i [ • Љ W Š| .WkŠ' "... YL" †X,iW% f " ¿V, ▼ ... T

UŠ|.W,Š;"•• ZcW c.UTpgii. Tglwn"~‰ U "i>[-n [Y"W p½".‡ Ūx•... T\
\Tg » cY—» TT kg м .... ToU[x Š. NTx" WUs. H. ŪMO W pkg.c YH T į;g, Šs. L

Y » • †QEI » [Yg, ŒEr T ik[ U ITL† vØE , " i si U l‡ " gk, •.Š ‡.† ‰ fLn › Y" † , x ... T

¿ » • '—† TW " c UlhЉ ØE I ‡ Š g \*g " • ‰ UL ^ ž, Y " x ‡ W †s X .g NDT W ; [UU, \*Vœ [ f T

Th ‰ » ¿ p ‰ UT , LUOT • ... % ML ] i † • ... " Œ 'І LWI U ^ † ‰ x ‰ " T" g}" p† ; [ ... TO

U ^ Ž [ » ¿ Tk î ¾ i t Ď x n . ¿ , Tx•.... i TDŠ † , ... " i fs U Ž Þ" .. OEL Š• ~ › i ^ Lu • Š ... T

Th »; Že, " V‰ i L s I . . h Tv [ Lb, Š' \u i ... Y " x " ‡ W \$ fx † T. T. O •; \u fg ¿ fg [

U » " " • ... i•ti Š Z Ď Ž ‰ Y " † X X L "; ōS . U Y ^ ... ' ψ w • s Š •" • U Š â U [ •L^ ... Y " • r x ... T

### $TSnu.\bullet.R, \dot{u}\bullet f.R(\ddot{u})$

<sup>(</sup>¹) H. Head: Aphasia & Kindred Disordeof Speech (1926) vol. 1. p. 544. . Ò Ö đÑ 〈 i " Ŋ ... Ugl •V. Ⅷ [ t,Š (ਿf)

f•†I≫g.»T"» ~Xg UŒjl.UUTT."U-;⊎ βΦ• Φυ•U s [›I € i ~ L } n [ "ŠωžLe ^ ... T . ; "n [Φ‡ [.".† δω" U‰—[••, [ ... T

^U » `[ViW Yd/%"vL... Id so SEi.g. of g/w W Š r of to W U I 'S. ? W D F ; T, [ŠŠ... o V U »Т]h Ѳ ~゚̂Ѱ҈ҁ҄Ӻ⁄М U мХИі [f~... фt,U ^ WŽ i • •̂'.†. wv × n g., •Ё e ^ g." lg tw ‡• »% f, "[l;" i Y,,†U 'n† v@E [TU g ] • U f Îg[• t•, " [l‡ ž.; [d],• U ^;,i• x h... O ¿•Ĺ»•.~Y•†[ZfÜ`ib] WW i \$JrŽŒ~‡%w•;¿"c T i‰.Ŷ\T | 4+i^"; .Wg U w  $X g i `Y.,... T f + (OU Wg"W,"[{ ž X g • Yg c ŽYW, "is OW" `[ | " " ž OE .; coeTW O ] })$ . (1)" Y + W/ #. N#W. LOOSTV ^U Šg Wu i n I U • 6E #WgTT[h 6E-W % LV f. ".OD Ž"W • Š L T ••‰ > hž`T i ]•iЏ ;[ ೬e,thargic U ;[ ₩Ш ` ` "Ž [•ˆ,%" Ш `YO... Uhڻ -.• ▼• U » ŽgŠ»νκ' Whi" [ Ι ΎΝ)", "Ե~‰Τ• "%" "'c† w i Τ th "WOE ζ• "Li ˆ .g ,Π W ΤΠν hi "•• g x.WU•WU'Ž, || ggi c^\\g T • &...UTYI Š wCE Š LX i ,, T\landa T.sqT, • - • • ; [ f ^ ¿» "\_ " i g [g.•.χυ'»/Μ • ʃ ...ΥΤ† W/ ‡...Μ/.α.[Μ ... V lcc.]; .†Τ[ f [Υ " Š X J i [lj-U r , Š T %% 'L» †.w' " • ICE.['' p ﴿ i'i ^ .g i [ I ''ž•i U p W [ i ], h ] •CE T. • 'c..} Ox [ .%T ¿•»,v.".डा[lð•€".iडि~T gX`g gYcŝ,YŠ`k]".ŒŠjĽĵ%ŠWLŠ|.WUЇ"•‰^ Y » " tu, W .».`Ti‡ HAOK g U žv""[ Š, TO xg-• guīU ` i [.lof i•[ lof •; , x‰.Ш-• g Š w '»..v⊚`iÜ "\$xeg†#WRYY"Š & WVî.k;îU.kWar-egaTTg iv[1\/TŠ`...UO W"Š"` ¿•, j.`.•T • X i " T• lb.Y..| Tū.U Ti [OET‡ {""h .Z • k • TŠ ~ "• nU ^ W/"i fŶ W U p O UŽ[i"» [.} SOUtX.g. U So U[. ŠW ŠUŠŠ JŽ .. ` + ; , x ‡ [U.Y./-Foè/w/ "%. ^O

V,x"[[...Y計 WZ † WVć.~. ¿TU x • Š ~ T \*V "...p Ţ" [...Z ∏ i " |:["...~ ‰ • l i [ U YV...i世 Š (寸) Lancet vol, 2 (1942) P. 717′.Y " { UZ ᇦ .W TŪ p ™ T Y ^ UV • CU Ž ÏWÖ • Ó ĨÕÕ x 苾 Š • Z, l ` • LY • l • □ (Positivism) " Š " ,•"L".x ▼ • ...V ▼ h (²)... T ... Y " x r • Y.".WT 慢 "S" U™, 看 w J. Ž x ♥ ~ i x ^ ... T

f †‰ "ǯW•" Wp•x".t.i•]¶, M.", "[U ˆ⊌["•℥-ℲJT".•¶ტ ŠžwT"• r җ U.xð-ਚg īT
% »Z"[•¾LTegî L..i⊌ ӿ n€." īT‰ Խ ŽiŠW½[".. ZTU•"•['1† wglð\w] c ['[... T
Y » • శృ ‡.•忡 Υ.".W ïŽŲ, î.g ቖ j.Ž to W p [ c.; , wæ • ggpÜ'›, "Ü Y • gg.", Tx•[... T
U » î.;.⊌ » ∀sҳ止.• U ฅ, ѕъс ҡ.u Ⴊ, Υ.† ⋓ѕмӗ ѯ Ⴎ þ ҳ Υ.I Ђ ѕѡѮ⊌.Ž Ӈ gʻq[.I.∏
Œ "¿ê"‡•Ӏ""`"‰‰, ^‰.ҟ Т. ž Ls W"".ШТ•№• ‡i`i [Ų ˆឲፏ ⑤ՏԱՄ"tuz ⊷ U n, γi n W., ҳҳс c.Św"... UŽ [W[L.Št [T T if, †‰īт i 'Ų Şe'în... T

### W', †/4/Qf \$Rj † ffRR•(, f)

<sup>.</sup> Œ"WW i ŽŲ i ॄ i Î l U Šį k . . LT p x Tonīus Y .. LUŽdW [Š[.X JīŽ` "---•(1) . Đ No (Ï × Ó) Îk • Ї.†īxn.w" Š U"]....•ītj [.N TZ.T. ПТ(1) О

"~"x"W/"s(I"ng•`•OÆVw LOŒV"ZffSW/Tgf•OÆSŠVLVY"I♦IŠScMTlgiS.T;j"%—R X g » "tg • ». "ZTU Tg ∀ @ [† [%-[% " ^ %..k T ...YL" † XxU .'% T vg. "Tk 'Wh ž • ` ... T b W » % 15 1 ~ Y " x • YT, • , .cYT.c ▼ X • i • i Tr ‰ TK g "Ug `c ⊌ i Š † ´ . LU ØŽ X " • " c . . . T • . Y ^ " tTw i Z î ] ] d\_ f T dn Љr • " ZI+ [ ifU' Wg i ~ I . Y ITU ‰P-ž f ...; kU,,c ... T '...i OЉvL"s[ł"ž¿•'┿vw̄•sl.∴hT√[U,j•sf'†vogcŁై"'•sŠ"• '» ..k ⊙Ї.†T√s r" I U ; "% ‡ { i ...†T√v ⊈ U% [ Us ŠUKS√VЇ.† ); W., [OE SUVT f" Mn» XŠ [sf^Y•, @,, U%AFž; U^‡w...;bAFXWV€["I] OE...T UY p` [OEŠ'; d•wpc...T \UcW.+.j•c 1/2 % , ^ %. 1k T..ol•, Ši~ (;ce~U,,ipx....gTc [U.Š% b) O Y » † "Yc" Š• • Z.U "Ti t Ď Ž.[७;७\%\\# † vt Ž [ ~ i‡xŽ þ i ७४०½ ; \%\os" " Š.७०Š g Š w V"i.V. UhW• œ f U-ŽTŠ•; ß`UUI;ЇUŽ'tcŽ%VJLS U‰ k°T...gLćp•L'... O ‡Ž~Tžgk>>•ŠLU.ĵ¶‰v̂ę" g T gi swf OY. x î U ~T.; hT U jŠbâLU‰, q̂ i x ["> ¿•• iU»sfb.»‰f.»n> Y"lU‡\*Ž.c.~T®‰YW•x ØUWŽp"u†Uf[s[>l\*Y"^†x...T  $f \gg \dots$  Uh VVU" \*Tin VV by cš[ %Jq̂ Ž Š}"" "Ž Y  $\dots$ Y• $\hat{g}$ g.CE T• T+ $\hat{f}$ \* $\hat{f}$ \* .c.pTTV+ c r % »ZU"g%[Œ."耳g•."k.•Ї.†.Tw•̂[` îb.....TU/p̂Û î€•∏\bþ‡†ko.... TU/p̂£ • » • ž U » % SJTD/g, t, • "". I.UTI - GET~ % (+t woe + % ŽL's [ I " U 'i p x .. U 'b ' ... U w CE » ["ŽLY{"•in ¥ ¼V" ¼¼ Ž\$•...} g¯Ž ...YT" • †Çxg.U TVVT`i...yTTp . YwUY~.g:fFY "ŠU]... T

### 'uS†Yi}^Yj.R "¾uU€Ñjj†

ZU"g ØEc`[T"•₩IU ^ [; ; ] & T".~; The W; [||[^n " lh .k •TЇ.... T%] lbw` T i ... T • % oL», ["xw" U» ^ |k`•\Šī‡.... YkЫ OTV ,h P. ~x √.c U pl... OEE x T. |• T/% TT i"] ,, L V»`•žY"» lQJg LU.Wf @• [‰ L^ [ cž"Y`i T; gS.U YTÎ.T.MTgs U DE\\$\$E [....• T j ^ % • »%"L» | WfŠ»".- A. h• X i n Ų ੴ Û Z Û w • r'•† w ~ • ['.†.w̄ ` n ‰ W x W s ž ' ^ t x‱ •TT‰ î.j t.STU¿l ``% •g i ` ′‰ .OY•" i n \\V w. UT ^;[,,` \u T\\\ î.î tTx ... T % • » Ų"" ሁ ŠŒ ሁ י ৈ ゥሁ" ; "% ‹‹ · LU Šk ¾ .ʿ U Ž ^ ""ˆ-pY " " • ... ≛• Џ 'ŽԽ௭٫"∦ ‰ O %•L» • Ž k ^ c [V [ Uh, ` ¿ , | ODE s | W.a T i [ ∮ ›.T%b.OU• Ž ‰ oDEu.•.s j', i ^ "~ • » † i • i » | ... ‡ **T •** ½ [... **vOT** ig" Ua, T i ½•"T • iŠJ n [ X^i T j "• ~• rTw ¿ " % • " " Y » W%ai" » μΨ ;μϯ;϶϶Ϥμ,\*\*϶k.• ϶϶‡.... ξΨ μἔ μ " •ν϶ • îa Τ i [T•h̄[•] ν r • Y » x " ~ Š .U. /T-+;(T,, ‡ j c % W lm QW. Ел † .f. dTr ^ % " Vs/ Þ• . % T• i , " ~ ‡T Š ^ ... T < h » ŽYW -Š • UT » .Š\_TE UNІ \$Z to [8], [; S UY ^ t.ŠY l.T T'g†.wUTŠ li •p.Š Š. ... •</p> - ‡ Ž%ŠLU <del>" ‡</del>T• "~U Š [UŠ^, MV ġ U .W¿O p • ¿.^T%LŠL" s [ UŠ g ℃ • " i s ... T Y "ŠUM » ŠrOU ~Ž "g† [wx[[. Y T I U Y—"ŠTUZI ŠŠ • VeeTskW. mysšu L r U LŠ U j W • % U %;.Lž•Ţ U`x [X i •Ti•r %; T S U f ^†%; MMq i [ x ^q i [ w T h PT~i , X.gT' s • OE » ^Yg w[i‡ t Š%", vL" s [1"‡ † %, L UT% V %, VVoë \x'" Up(• Mg VVg inp.,.......) . T ġ • s [ ..l. • Tn • Š ".g TV" Š UslrŠU ŠU " Malce "n; T i "CE Š .L. Yhp U • • .. T : ¿ • » g"" • N~[ " V " i , [ t.vf UWS U %x N/, i L. XOq " 6E [ S. T.v ` i " > • • • ig U p ».î.' (Oc ¿ VžV € " i {₫ NŠ TWs • W Y^".x "T‡V• \$† Zā.UT."TT.oZODV ` TZ [ŠTĽh O % »T g ▼ `i " [Tp i s) nQ) • U ƒŠI [• ^§ ` # ž.U I № [• " †OÆVVU•.\NOh...ƒ.T ▼ ф. ‡. ₩ "••žY"gY,Ž." WWWH. pOŒ-{T•% % 06 U I•ŠŽTŠTTi. Wiin‡Wtuk•T"g[•. X T[•... T Xi•p»‡.» Tig» "‰ŠLŠ♥† wg, T-パ‡.U}w..YLS%Ы; ], # r [UŽfŠn› Xi[~ U » ^ ¿\/\»i ½\/\% " Ž T.i n Zavg , X i ^"] w U ^ [k • Š ‡.† TK ‡." pY—", T' , Qc g. U Tg\/\. î • . î T

¿"Un"»»^-Œ» "oj ІfîcW, "Y†"‰•ÜŠ "U[ફ•LW nЉ •ig.޶`" [Š ¿"€•UŠ" † wi "•ŠU[;l,"">WY ¼ ¼ "i\_IS U ¼Š•[Љ ШŠ%†"wY. "•I•\Š`.[.`T... T . UŽŠ" † » eŲ Š [‰/"{W/"•in\Ww.U‡Ž";-~ŪŠ [‰/"ŲW,Oelp[~¿p•‰ LL" n ‹U» Š»xS T‡‡.‰€,Tc ^‰., xs.WTU.ĚT".[‰\L"^†/x~.i.x‰†, ÜL`Wi~ . Y]iU"... T

### W † Y 🚱 d f R

op» f"‰‰ № № IUЉ°»..^\ஈ gr.k ¶Š‡.†₮ӎ, ຝ U [Ţ, h".•¬Ū Š r i x [ I T . ¿ W , ["l~U.ŽT[ U ŠХî p Ū Z Û.• Ѿ q̀[х Ⅷ".f.—; Тр • ... Т

- Y » Ž ‰ î x n .¿ ,Tx ॡ .STUTI ˆ g\V UT j ˆ [ Ûg ̂ Ž ゃ ‰ և [ Š ‰ ‰ ut, [ % Šc Š ‰ " » U\VŽ Šc l W Y ` ... Uhx ę ˆ ] .‰ TL . UOŠ g\V b U " " ..) V U ß w ‡ ∓ i Tv Š a g 世 ‡ 't L € U ‰ .• LØ Ž W ‰ .U ,Ţ ˆ ¬‰ Tlž Y " i Y W " . M Tls T . i' g j " .† 从[•.h T ... T . ¿ , x Y . î T i " W
- U » Wptxs.k TЇ.†ONEqi.x ["h.g"TTj"[gc[T..INDŠ U.ŠTŽg`) cŠ •
  s » s f x.»Tr •••g » Y » †•V † sT.hjT~ U. cY•"† %x •.STT~ (.gTU nOEQ) Š U x ^ ...
  CE » 'Š LUCŠ & V.•Uh x ČE‡V† I ŠL•••ž "Š U Į Š Ū MRT† ~ YU Į J MW Yg " w UT [`
   g W Į J»Ž Š "I kJ V MAPIŽ Y " ^ X 'U."; JS .U T " ] W į ... J T [‰ Tg "• [kl \* Ї.† UW ^ Š " W
  Y » w Ub^ ... .U Tp », ^[ » QE c ... kJ pЇ.† ZWU ^ [UŽŠ % x cTŠ U CŽ [ ,‰, ‡cf r L
  . Y ŵ Y " i n W ... T
- $Y \ \ \, \text{p U} \ \ \, \text{fu.c TVV} \ \ \, \text{~$\pm$} \ \, \text{Tt ive s [$\setminus$ \circ g \ ct g \ U$, i.,].} \ \, \text{$-\pm$} \ \, \text{$$

## ò '®n˰ôà— ç›‡ •Ž~ÜònÓŽ©'- ቍîÔSèãSà⇔ËŽ¤àļä'

			7174 01
		Adrenalin	æôߎèó-©f
		Adult	(žÀèኬ&ä)̃Ü-ã∙-
		Affect	" ô ç •'ªßŸŽ £
Confusional state	; "à" <b>&amp;</b> 'Ž£	Affection	"'¤ã
Conscience		Affective	"ôç••ªŽŸĕŽ —•
Consciousness		Attitudes	ÒÕîË
		Afferent	(•¼ Ë © - î ã
Constancy Phenomena	• Ž ' & ® S 🗢 Ž Ç	Aggression	å•íªË
Control	âıàa\¨Ž	Aim	Ѫë
experiments	Â'À <b>&amp;à∉</b> -Ž —	A :	ò ‹•îÉßВ•
Convolution	Òô�à	Air-hunger	• 2) ~ Í Ä‡¶926íî•ï
Coordinates	" ô ³ <i>f</i> "® &•®Ži Ì•'÷•	Ambivalence	ò ç • <sup>a</sup> ¾ <b>x</b> ́ Ž è —
(vertical)	_	Amnesia	" ® Ûå••³ <b>ß</b> Ó
Coordination	- ¯ , <i>í ƒ</i> Ö ô ∫è −	- Anal	òΫ®·
Correlation	ÁŽ' ├ -	<ul> <li>Anal character</li> </ul>	" ô Ÿ ® Ĵû¼ ß •
Cortical	ò〈Žờߎ¤³	Analysis	Þôग
Cortex, cerebral			
Cortex, motor	òÛ®(# <b>Ž</b> )#åÛ® äß		
Cortex, sensory	(àß• °Û® äß ò³Ž´£ù•	•	
Cortex, visual	" ó(. ﮎ)¤¶ĴÛ ® ã		A
Cues	••a·®•ãŽó©Ž	ë Ability	" - <sup>a</sup> Øfã- <sup>a</sup> ×
Cycloid		Abnormal	(òÌô®ÃĵòķŽ·
temperament	Ñîß♣⊷°¯ã∙	Abnormal	«•î²̞kÔ•nŧàË
Cyclothymic	ñ - í @ î èí₩̈́	Psychology	" - 1 , <b>10                                </b>
Γ	)	Abstract	í fñ - î ¼ <del>í f</del> ñ ª ó ® —
_ Data	. װװױ װּאָלוּ שַּׁ שַּׁ-צַֿ-שִּׁ אַ װּ װּ	•	©® ã
Data	0130. 20213113	Abstraction	åó® — ¥a}aa "
		Accomodation	"®óŽƒÒãôÜ—
		Achievements	• Ž~ç‡
"Cathexes"	" ô ç ••ªŽ̈́xí ü Ë	Activity	ÁŽĺſĸèã
Causality,	" ô ' ' Ů ß • © ‡		ÒôÜãߎ×
Perception of	_	Adaptations,	" ô ´ <b>£</b> Ž Ô ô Ü —
Cuse & effect.	" à)Ì ß'•´ ä ß•• í ß •	sensory	
	(®)÷•í	Adjustment	í f "ãï•îãf ÖÓ•î— Â'¿í fÞóªÌ—
Central nervous system	• ۵ (Éîä)ä (گُغُ) • ۵ (Éîä) قَنْ (گُغُا) قَنْ (گُغُا) قَنْ (گُغُانِهُ اللّٰهِ اللّٰهِ	Adolescence	Α ¿I JP 0 ° I — "Øë•®ã
System	Þô seéçî Üờ "ísē•	Addiescence	v e • ⊌ a " óàî ÜÕS P Óª ÐïRŽ•¤ ß
Cerebrotonic	"תâ¾≪••9ã	Adrenal cortex	0al U 03
20.00.00	Ω (ŽìβîãÃŽiÈÌβ	•	( ) =/3 !3
0	•		

Anger	• À Ï	Cerebrum	
Anguler gyrus	í)«ñí•°ÒS•Ô (Žó•í	à ~ ß • evolution of ° ß • Character	A
Animism		ß •Child Pychology	Ý Ž Ô²ÃÔzàBBà•Ë
Anthropologist	å <b>âŽ</b> "ó® ]	ß • Cognition	åŽÓ®Ò®•Ìäß•
Anthropomorphism	ê ô ' • Ĩëß••	ã Concept	
Anticipation	Ê×Î	Concrete,	±î´¤ã
Anxiety	Ö à 🤇	Ouridonsalio	n (ªó)® <b>Ö</b> ôœÜ—
Anxiety states	Ö à s û Ž £	Conditioned	"ôî´∙ÜÌÝèŽàÌÓƒ
Apathy	Ý î ä–§ª à '		
Apes, mentality of	_"©® <b>ø</b> as		
Aphasia	Ý ü ~.§ •́ ' £		
Λ	"óîÐÒàÆÇ	1 15 •	
Appetite	"îì."ôì		V VII. W
Appetitive behaviour	n i i ·∪ i aj	<sup>3</sup> Association of	
Applied Psychology		ideas by contiguity	
Apraxia	Ò‹ŽÇÝîüß~•§ "ôÛ®&#ß•	^ ^	-îä;
	••©•ª⊣̀"₺•à	" (	
Aptitudes special	" » Ž 8	e <i>J</i> Attention	鎒~çû•
Articulate	(®ô'Ìõ)ß∳¼Ô	ã Attitude	탔CEíĝféëŽíƒÓò∳xîã ®ìÈã
		Autokinetic	" ô —" Û-® <b>₽</b> Ž •£‡
	"ì ^* ~ <del>`</del>	<sub>~</sub> sensation	-
Expectations	"Ì×îžãŽ	Autonomic	ÞØ~öä1&∳īKŽ•ì ß•
Experience		§ nervous syster ∺	
Experimental Psychology	ò'ó®²Ôßà	/ Woldanico	
Extinction	ΪŽÔ	Awareness	
Extirpation,	ÝŽ¼ŒĨŧù	,	В
method of	1 2 /4 02 1 00	Background	
F		Behaviour	Ù î à ³
Factorial	òàã•ÞìÌôSà•¤	Behaviourism	` '
Analysis	Þã•îÈB	DILIEL OCALE	
Fatigue	• Ì — © Ž ì		¶ã®"ߎ~³•
Fears		· T	
Feel	²äài	ã Breeding territory	¥•®ÓØdÄèã
Feeling	-aa¦ å•aÿ	Drighthess	
Fissure	۵°۱ ©íª-ŞÖj.	p	- ñîä <b>Ôß∮</b> ~ß•
Fixation	Ö ó å 🕲 🚣 '-ßô•' (	Buccal cavity	â ÔÓSÓ•î —
Focus	° ô Û ®-™		
1 0003		•	

Dream	â à ��(6)•́	Ô <del>F</del> ood preferences	" à À Ĉ <b>ā</b> ÌsÕ÷•
interpretation	a a 3.0	Forebrain	ĺŽãåߨã
Dream symbolism	âà♯66°a		•¬'¬•©®—
Drive or incentive	šËŽ		" ô ì ' ¹ ြß¼ Ô ß •
Ductless glands	"óîè <b>Ć</b> €u	Frontal lobes	" ô ã Ž ã ÷ •
Ĕ		Frontal lobe	"ô¿®¼ãੴ®Ë"÷à•ã¯
Ectomorphic	(Öð; % <b>©</b> Ðã ì Ž è	syndrome	òì' ੴêàß
Education	"ô'(	Frontal plana	òãŽÂ̂Ø•´äß•
Educational	ñî'®º <sup>2*</sup> Ôû eèâßà	Function	ÒÇ탰ÔôÇí
psychology	11 1 W- <b>Us e</b> alsa		
Effect, law of	®›å∳ç	Ž ×encephalography	¦äàòß®ì®ìßßß,ãã³S∙
Effet, lancement	"èÌÄ"ßÓÉßa	§ — — — — — — — — — — — — — — — — — — —	ýžìô
Effactor	"'Ž ~ãÀË	Emotion	ÝŽÌÔç•
Efferent	(•¼Ë- <sup>a</sup> ¼	Emotional attitudes	ÒÃ∙îË
Ego	• • ¬ Œ Ç		ñ - Ž '~ 🍇 • ® —
		Encephalization	ĺŽãåߨ—
		Endocrine	ïŽä % 6 Đ ß •
		Endo cine	ïŽä‰BЕߕ®Ó‡
		secretions	·
Death instinct	•îä3"•°ó€	Endomorphic	žÌ')è"ãŒêèì₫&ª'ß∙
Decerebration	ê à ôíĦtÌä <b>l£é</b> ° (	2	(æ,óæ)'Ä'ß•
Decortication	ê à ôíÄjîĺŽ≖"àß•		•¼Ìß•Žìç
Defect	•ô˰آ		Âô¤äŒ•ô'ß•
Delinquecncies	"ôã••®ŽŸÓ‡)®Žàè	ÿ Epilepsy	É®¼ß•
Delirium	åŽó-¬®ß'		"Ó®Ì <b>å®È</b> ç
Delusions	Þôß		( • • ®)' <b> </b>
Dementia	Ь'"	3 • Fauinotent islity	Ý ©-Ž'Ì ß-© ŽŽÕãçŽ¨Ü ã‡
Demonology	æôÃŽãô	ß •	• Ž ô ç Ž Ü ã ù •
0,	í ∱޼Ë₽ÄÌ	© Equipotent failty  © Equivalent stimuli,  © method	" ß © Ž Ž Ž ìä ß Øß•® Ã
Denervate	Žìà	0 $0$	^ / ^ G
Depression	• ŽŒ ~	Û û • Evaluation	âóîØ—
Deterioration	ò§î¨ôÝßi⊄ç	û • Evidence	"è.đ뎷
Senile		Excitement	• Ž ô-~ ëŸ Ž ë‡
Diabetes insipidus	ñ®Ü®ßû¶î'	ß •	
Diencephanlon	òè đãΩ		
Diet, self selection	Đ <del>à</del> βŽ&°•	§ û • Displacement	"£•-‡
of	~ ^ / 🍣 🔻	Dissociation	ÚôÜ^~ <b>®</b> ® 6 •
Differential	ñ°ó <b>Ž</b> Õä <del>Ž</del>	DISSOIUHON	Ýü¤çû∙
Discrimination, sensory	ò´¤ßôô	Distance,	"ÓŽÙæß⊚‡
Dis-inhibition	ÒÜ"ßē	perception of	, <b>v</b> ,
		Diamanzanon	âà <b>ồ ੴ•</b> çŽầäôß•—
Disorientation	Ñ®ÌÝßü•~ {	3 •	

Introspection Introversion Intuition Investigation Involuntary J	åŽÄ'~ ï•îÄ "玔ØţŽÆÆ®ßI Ø~Ю咕I ñ©•û—‡"©ጭ¢	ç• 3• L Ð Language Lateut content	"Đß æ⟨ŽÜषृ•ß•
James – Lange	ž ç tdä ô 'Ÿó ®	Learning È ç Learning curve	âàÌ~ß• âàÌởæèã
Jerk	" Ô Ÿ	- Lothorau	aai∪ es⊯ e a •Ž'³
Hypomania	"ŸŽBôà'		ïŽÀ𰮎££®Ÿ
Hypothalamus	±îãü'≻ớì	frontal	"ôì'Þß★
Hysteria	Žó®	D Level of aspiration	Ê×îïîß∙ã
l		Local sign theory	òÌ¿îä®.⊁*.∲®Èç
ld	îìß ° Ž	Localization	¦äßÊŽ;'îä³ß•ª¤—
Idemical twins	åŽØʻ <b>ŽŽ</b> ãä	i ~ o	
Identification	ðàÑB®Ì~NÖ•'ŽÀ °äØ~		
Idiosyncracy	"°ô%i⟨㎼–§"à'	<sub>Υ</sub> Maladjustment	ÖÓáª <del>Ë</del>
Idiot	éî~ì	Anguic debressive	ñ-íª <b>&amp;î</b> è ß∙
Illumination	" ï Ž ¿ <b>ù̀ •</b> - •	PSVCNOSIS	® ë Ž È ã
perception of		Marinestations	we∠∟a "a£î⊨ÛäÌåßîçŽ×
Illusion		Mass action, law of	" £ IPUA IAN Ç Z X
Illusion of	"ÌÓÉߪ	§ Mating	• í • º º 🖳 Ž Ô ³
propulsion	ь <b>э</b> " у́ <del>ў</del>	Maturation	žÀç
Imagination	Þô <u>¨</u> ÝŽ∖ – ÖóîÌ• <del>ô</del> ÄÌ	•	•
Impairment	ÞôÄ	ì —	
Impressions	• Ž Ë Ž	,	
Impulses	•ŽÌ.ÓÊ©Ó∢ "ô'¼,•ËŽŸ)î		
Imprinting	Êô' <i>A</i>		ÞãŽÌ
Inborn	ñ®Ä		<sup>a</sup> ó Ž ¤ ã
Incentives	šË∙í	ı Individual	" ó ©Õ® <b>®</b> Ó
		differences Individuality	" ó 🕒 ® Ø® Ô ૠ ¨ ·
		Individuality	(Êô¿ÞÔæôÀ£
		Induced movement	® ô > ", Ûſ®Ž¤'ß •
		Infantile	° ô à ÔôÄ´ <b>lè •</b> ß •
		Sexuality	O G OG ( IO IS
•		Inferiority	°Øè"ß⁰ØË
G		complex	201022
Generalisation	âôä ≚、		ÒÛ
Genes	• Ž è	<sup>ô</sup> lhhibition, internal	òà& <b>ÒºÜ</b> ß•

```
"ôç•∣ªŸí
                                                                                                       Genetics
                                                                                                                                                       " > • - ĵ ß •
                                                       Òô hê nê -ô Û ®Gestalt School of â à de Gestalt Albertalt School of â à de Gestalt Albertalt Alb
                  Synthesis
                                                                                                                                                          ² Ô è ß •
                                                                                                  Psychology
                                     Τ
                                                                       ỗ í ϗ Goal
                                                                                                                                     Ñaì₨-•aãó®Èç
                                                                                                         gradient
                          Taste
                                                                                                    hypothesis
                                                              "ô Þ ÓŽ ³í
              Techniques
                                                                                                                                     áŽÒ&ÎèÞA•ß•
                                                                                                           G P. I.
         Temperament
                                                                                                                               Gradient
                                                                                            reinforcement
                                                                                                                                               • c -- ßâ• > ù •
                                                                                                              Guilt
                                                           ÞÜÙS••©‡
Shape, perception
                                                                                                                                 ðijî'àØ&'ŽÔÆô•Ôà~ß•
                                                                                    Gyrus (pre-central)
                                of
                                                            â ¤Ů. ● - ◎ ‡
Size, Perception of
                                                                      " - Ž Ì
                           Skill
                                                                                 ã
                                                                                                                                                "©ŽÌ&•Ã
                                                                                          Habit, nature of
                      Smooth
                                                            .äããã
                                                                                                                                                         @î Ì ~ ß •
                                                                                                  Habituation
                                               Social Psychology
                                                                                                                                          "Ø'-ŽØjãoíè—
                                                                                            Harmonisation
                                                          å ª '_ߪ•' ¤
                         Soma
                                                                                                                                               ± f ® ߎ » ‡
                                                                                                Head injury
                                          ê) BÂ ô æçóî ÖÜã À Ë
                                                                                                                                                    • Žçîã® ë
                                                                                                   Hormones
            Somatotonic
                                                  á Ž ȼ ®•1" à
                                                                                                                                aèÆä'Æsÿ§"Æ®Èç
                                                                                   Humours, doctrine
                                                   (• ü À Ì ß•î'
                                                                                                             of the
                                                                                                                                                        ïŽãªØß•
                                                              å a '⁻[3• €® |Ã
            Somatotypes
                                                                                                                                                           ÉîΫ
                                                                                                         Hunger
                                              Ù • - @ Ž À Ô 60 t
Space,
                  perception
                                                                                                                                       ò ´ô à Žãe đĐĩ ảe ß ß •
                                                                                                     Hypnosis
                               of
                                                                    òçŽÜäß•
                                                       ò · Ž À Ž Ã ù •
Spatial frame work
                                           æôïÌŽAÀÔà&Ēܤß•
                Judgement
                    Specific
                                                                                                                                    - "Ääè-"ã®ô—í
                 Spotlight
                                                                 -îçÄØç
                                                                                                Stereotyped
                                                                                                                                                         "ôÄäç
                                                       ò ß Ž-Ì Ô®cØ ~ 3 •
                   Stability,
                                                                                                                                  ("-Ž)›êûô·'žà ềßa•
                 emotional
                                                                                                Stimulation,
                                                                                                    method of
                                                               ÞäľnŒlôë
                           Staff
                                                                                                                                    ® > + 60 ô-onê ãè ã
                                                                                                       Stimulus
            Standardized
                                                                       æèØã
                                                                                                                                                ê'èÝaØŽÌ—
                                                                                                       Stimulus
                                                        åîÔ"ߎ•
                  Response
                                                                                                 equivalence
                                                      "ô´ÔŽcô〈޼£‡
                  Statistics.
                                                                                                                                                   ¹î¤Ôäß•
                                                                                                         Subject
         Psychological
                                                                                                                                                           " ô — • «
                                                                                            Subjectiveness
                                                                                                                                              òãŽïüˇ
                                                                                                 Sublimation
                                                                                                                                               ïŽġðôà'Ž×
                                                                                             Suggestibility
                                    N
                                                                                                                                                 ðàËŽ÷♂÷●
                                                                                                    Super-ego
                                                                                                                                                           抯ß•
                                                                  • Ž ¼ Ë f
                                                                                                 Suppression
                     Nerves
                                                       ò '¼ Ì⁻⁄(Ž•ì │ß •Suppressor bands
                                                                                                                                                 抯ß®.
     Nervous system
                                                              ŽôŸîßí-îô Susceptibility
                                                                                                                                                ® ô >",,ô° & '•Ž ×
                Neurology
                                                                                                                              ± Ž´£îu/® > ,£ 6.® 3
                                               "ô'¼"Ë£∮¼Ë
                                                                                                  Susceptible
                      Neuron
                                                                                                                                           ò'¼ÌTŠ•ì ß•
                                                                   • Ž ¼ Ë
                                                                                                Sympathetic
                  Neuroses
                                                                                                                                                   ñíŽ~'ä´ß•
                                                                                           nervous system
                                                     • Ž ¼ Ë"±£•• ® Ÿ
          Neurosurgery
                                                                                                                                    "Û-Ži,«ãÑîÄË
                                                                                                Sympathetic
                                                                      - Ž ôlì ã
                         Norm
```

Physique, types of	å <sup>a</sup> ' <b>⊤</b> 3® Å	Normal	ñ ۞ŽĎËô'ñÃî³
Plateaux	" ' À ì ß •	Norm Live	ñ - Ž ô Ì ã
Predisposition	†ôì©9•₽Ì~³û•	0	
<b>Primary Process</b>	"ôßĩêàäÌß°	Objective	òËî¿îã
Problem child	ÞÜ í <b>a</b> Þ À Ì <b>Þ</b> Ô Ã	Observation	"È£ü′af"ªëaŽ
Problem-Solving	•üܸäÞÆ•		- « • ĵ ¤~-Ž•¼ ¤ Ç •
Progressive	• Ž Ó î Ô•¼-äŽß • § •	Obsession	" 3 ĵ 3 j
matrices Test	" j̇̀' Ž ˜ † ä &ṫ́	sessional State	"ó-޼ûŽ£
Projection	A Z Ø S u •	Occipital lobes	"ôß♣î¬'⁄ØÔSB•
Projection areas	ÁŽØÖÕŽèã	-	("󮧆äß•
Psyche		edipus complex	• ó í ©ªfØ Ë
Psychiatrist	òàØđË'Ā	Oral	ñĵÔñîäÓ
Psycho-analysis	à °Ô kà đà ¤ ° ß	<ul> <li>Organism</li> </ul>	ñîÀ,Ëæ (. <b>ŽoÚ</b> æ (ŽÚ
Psycho-analytic	ò´ÔhèoBàž¤ì~èBã•	Orientation	.éŽ —Òûx•îíäzeßô•'—
Psychological medicine	ò´Ô•èÄßß•		Ѯ̗
Psychometric	" ô ´ Ĝ± Ž 18ŒVEISĀ		
methods	0 0 2 6 10 0 0 0 5 17	NA Inin	"ë•îÖßo•®eÆääàÌ~ß•
Psychoneurosis	• Ž ¼ Ì ß •	Maze learning	" " ë Ž'~ ä ß •
Psychopathic	" ô — Ž " ĩõÜ⁄4Ô" ∫ß.••		. " ô. ß <b>ô</b> èdÜ ã
personality	1	Mechanism	"ó-îÌù·"àôû£ ્ર
Psycho pathology	ò ¿® ã Ô •àâAà•Ë		(aój®Ó
Orientation	Ñ®Ìĩ¶G•ôŸÌĩß•		"®Û•¬ß•
Spatial	ò‹ŽÀÔß		òà <b>Ø ä</b> Ë
		Mental defect	òàØÆç
		Mental	òàÆŽô×
		measurement Mentations	"ôæ <b>⁄Ž</b> ËàäË
Р		wentations	³¼ó®ËŒ <b>ô</b> äßÀ•Ìß•
•	~ - · · · · · · ·	Mesomorphic	(• üÀÌß•ŽáŽĚÌß•
Parallel Parietal lobe	ñ - • î-ã® ô È ç ñ - • ª º(Ĉ)•(ያ •	Metabolism	*Ðߎ•¤¼6•;•
Pattern	Âäç	Methodology	𤒯ëŽèã
Perception	±Ž´£Ì•-©‡	Method	"Ø ó-®žÃièã
Performance	òàäË©f	Modality	"ôÔ'ŒŒ£
Performance tests	."ôàä•Ìߎ•'~§û•	Modify	ÝaÌó
r enormance tests	ò à äïÌ•ß�²÷ô•ó Z Ø ã	Modulate	â ⊶ <b>â È ¥</b> ðÌó
Peripheral	ò¤Ä³òÄô¤ã	Mood	"ôŸ∜ß㎣
Personality	" ô ¼ "·	Motivate	°Ô.ÊÔÓªó
Personnel selection	æôÔÇŽãß	Motivation	°Ô£
Per-version	Ñ•®¤çû•	Motor aphasia	" ô Û ® ¤ <b>ß f</b> . •
Phenomenal	¹îÜè'ß⊛ëŽÇ	Motor System	• ጺ • భФ® Û ó
regression	*	Movement,	"Û® <b>`\$.•</b> ©‡
a	ļ	perception of	

```
"˰íg⁄Þôlã
        Tendency
                                                   Phlegm
                                                                           âĐà'ß•
                    2´¤~ß"•ß펞aìäèßã•
                                                                         Ñí Ž "ã
Tentative Method
                                                   Phobias
                            ±ŽôÆžã~§•
                                                                      " ³ • ®âÔà∫Ë•
     Test batteries
                                               Phrenology
                            "ôËŽß©Žìã
                                                  Physical
                                                                    ò çª 'ò Ì ô ' Ã
   Tetrad equation
                             "×-ŽŶÌß•
                                                               òØóŌîŽÔÆ®®§
       Threshold,
                                              Permanence,
       differential
                                                               òŸîßîêÔÔæâ®æë
                                              Physiological
                         "ôÓ•®"®ÛÕ«
    Topographical
                                               psychology
          memory
                                                               å a 'a& • ãÜ —B. • è '
                                                 Physique
                           Ñí®È®Sô•Đ~ã
            Trace
                             "ôኧiô┆Ôß•
                                  "ã°£
            Tract
                             ò´¤₽Øèß•
                                                              ®ôɧîèH3oeñãé®Ã
  Transfer sensory
                                                   Typical
                     "Ä "ß 8íí Ž 🕏 🗃 🗃 🗗 🕞 •
                                                                           Þôœä—
Trial - and - error
         learning
                           å Ž ô \S \check{\mathcal{Z}} \tilde{\mathbf{a}} f î — Unconscious (ò à \not \mathbf{A} \not \mathbf{E}) \mathring{\mathbf{n}} \mathring{\mathbf{p}} - î \mathring{\mathbf{l}} \mathring{\mathbf{u}}
  Twins, fraternal
                          å Ž Ø '厎Äã ∫ãî —Mental activity
  Twins, identical
                             Éî-€⁻•®Ã
            Type
                                                                   ïŽÀÔØÁŽ,ç
                                           Vacuum activity
                                                                      "äôÙØ•ß € ‡
                                        Value, Perception
                                                        of
                                                                        ® ô Đã Ủã
                                                  Variable
                              "'Žï›•±° Ÿ
          Reward
                                                                         ïŽ,£÷•
                                                   Viscera
                  S
                                                              æóîÑŰĩ¸ßm-Ž'äã
                                              Viscerotonic
                                 " ó © Ž ∕ision,
          Sadism
                                                                     ® 1/4 '- ß Ä —
                                                  evolution
                            ÉŽ:"Ž¿®ã
       Satisfaction
                                                  of visual
                                 ±ŽôØã
            Scale
                                                                    " Ó ® 14 a B 8 .
                                             Visual acuity
         Schizoid
                                                                      ® ¼ 'âsô•È è —
                                                    Visual
                           Ñí°Ìß••°äß•
     temperament
                                               organization
                                 á Ž ¼ Ô ß ♥ocabulary test
    Schizophrenia
                                                                    •ŽäàĎĩs•§•
                             ñî玎Ü ∜dcational training
        Secondary
                                                                    òèìä&•a~ß•
       elaboration
                                  òØàÔ
        Segmental
                                                                  ߎäßäåÛ•î—
                                            Water balance â ´
                             <sup>2</sup> Ô-€ • • «
  Self punishment
                                                                     •Žäààäiß•
                                            Word deafness
                              ••¬å&ô•Èè·
   Self regulation
                                ±Ž´£‡
        Sensation
                                  "зŽ£
            Sense
                           ±Ž´£"ûÓŽë-
       Sensibility
                                "ô³£Ž
       Sensitivity
                                                                     "١ãÉ-•îçf
                                            Temperamental
                          啪Ÿ¶°ÔÃĬŽË
                                                     Type
        Sentiment
                                                                "-•®"¤Ÿß-��ôÈè—
                            Ê ' Ž "Þ—́ à ľ —
                                              Temperature
        Sequence
                                                regulation
                         "Ëîä—ãà´à³
           Series
                                         Temporal gradient
                                                                    òèãº-ߺ-äß•
              Sex
                                                                 " ô Ï <sup>a</sup> ¼ îß⁄≱ Ô ß •
                                            Temporal lobes
Sexual behaviour,
                      ò 'è Ùs Pà - BÀ
```

ÝŽ'ØïŽÀÈf evolution of Receptor organs " ç Ž∹~°3ô ô ä — "ô´èŸ Sexuality Recognition ¢ô¤¼"-ô'®©Ø.\*\* Re-educaton • Žããàì• ²ÜÌè 🛱 ÌÔ ß • Reflex ÞÌ Ĝ-ß\* ó ® È ç ² Ü Ì è ä ß• Reflex arc concept **Psychophysics** "ô′ÔŽe&°ôÔß• "³ŽÜ¸áߎ¼¡¨íß• **Pugnacity** ¹îÜèß• Regression . "ë • î®-ô **v**Õã a è » " ó î Øó<u>°</u> Ì — Reinforcement Puzzle - box "ëŽ~ã Ù • - @ at# < Ž Ø 68 • § û • Relational choice ° è ~ Ü' **à** 'ß®• ß• **Pyknic** "×üÌß• R ¢'.Û-'Û Repression ñ a ß.•òî ŸŽ ~ Ŗaţnge • Ž'öcê A.• of Reproductive Constancy òÌŸ®®Ûå•n®ØÓ Retrograde Reaction formation ÞÌ ÔDIS PÊŸ ®ESSÓ•ÎÜ ammesia òàØÝÌOߪ~3û• Reasoning ÉŽŸ®~3• Recall